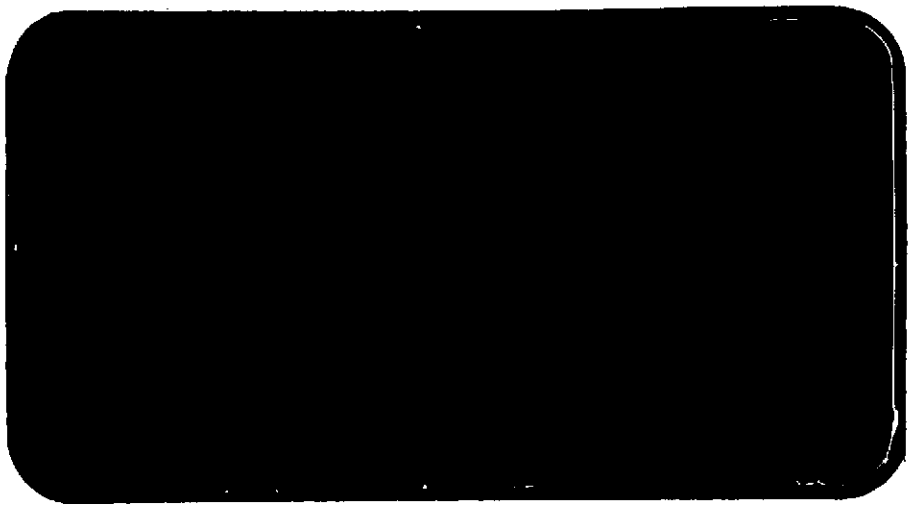
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SPACE SHUTTLE

AEROTHERMODYNAMIC DATA REPORT



JOHNSON SPACE CENTER

HOUSTON, TEXAS

DATA MANagement services

SPACE DIVISION CHRYSLER CORPORATION

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INVESTIGATION OF SPACE SHUTTLE ORBITER SUBSONIC STABILITY AND CONTROL CHARACTERISTICS AND DETERMINATION OF CONTROL SURFACE HINGE MOMENTS IN THE ROCKWELL INTERNATIONAL LOW SPEED WIND TUNNEL (OA37)

By

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Prepared under NASA Contract Number NAS9-13247

by

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Houston, Texas

WIND TUNNEL TEST SPECIFICS:

Test Number:	NAAL 719
NASA Series Number:	OA37
Model Number:	47-O
Test Dates:	3 through 25 January 1974
Occupancy Hours:	103

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INVESTIGATION OF SPACE SHUTTLE ORBITER SUBSONIC STABILITY AND CONTROL CHARACTERISTICS AND DETERMINATION OF CONTROL SURFACE HINGE MOMENTS IN THE ROCKWELL INTERNATIONAL LOW SPEED WIND TUNNEL (OA37)

By

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ABSTRACT

Experimental aerodynamic investigations were conducted on a sting-mounted 0.030-scale representation of the 140A/B Space Shuttle Orbiter in the Rockwell International 7.75- by 11-Foot Low Speed Wind Tunnel. These tests were conducted during the time period from 3 January 1974 to 25 January 1974. The NASA designation for this test was OA37.

The primary test objectives were to establish basic longitudinal and lateral-directional stability and control characteristics for the basic configuration plus control surface hinge moments.

Additional configurations investigated were sealed rudder hingeline gaps, sealed elevon gaps and compartmentized speedbrakes.

Aerodynamic force and moment data for the Orbiter were measured in the body axis system by an internally mounted, six-component strain gage balance (2.5-inch Task MK IX). The vertical tail was also mounted on a six-component strain gage balance (1.0-inch Lockheed 10034) which was read simutaneously with the MK IX. The model was sting mounted with the center of rotation located at F. S. 42.172 inches on the balance centerline. The

nominal angle of attack (α) range was from -4 to +30 degrees. Yaw polars were recorded over a sideslip angle (β) range from -10 to +10 degrees at constant α's of 0, 10, 15 and 20 degrees.

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PLOT SCHEDULES:

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B) CY, CYN, CBL VS BETA

C) CYBETA, CYNBET, CBLBET VS ALPHA

D) CYV, CYNV, CBLV, CAFV VS BETA

E) DCL, DCLM, DCDF, DCN, DCAF VS ALPHA

F) CL, CDF, CLM VS ALPHA

G) DCL, DCLM, DCDF, DCN, DCAF VS DELVON

H) CHETOT VS ELEVON

I) CHETOT, CHDE VS ALPHA

J) DCY, DCYN, DCBL VS ALPHA

K) DCY/DA, DCYNDA, DCBLDA VS ALPHA

L) CHBF VS ALPHA

M) CY, CYN, CBL, CYV, CYNV, CBLV, CAFV, CHR VS BETA

N) CHR VS RUDDER, CHDR VS ALPHA

O) CL, CN, CDF, CLM VS ALPHA, CL VS CLM, CL VS CDF, L/DF VS ALPHA

P) CY, CYN, CBL VS ALPHA

NOMENCLATURE
General

SYMBOL	PLOT SYMBOL	DEFINITION
a		speed of sound; m/sec, ft/sec
C_p	CP	pressure coefficient; $(p_l - p_\infty)/q$
M	MACH	Mach number; V/a
p		pressure; N/m^2, psf
q	Q(NSM) Q(PSF)	dynamic pressure; $1/2\rho V^2$, N/m^2, psf
RN/L	RN/L	unit Reynolds number; per m, per ft
V		velocity; m/sec, ft/sec
α	ALPHA	angle of attack, degrees
β	BETA	angle of sideslip, degrees
ψ	PSI	angle of yaw, degrees
ϕ	PHI	angle of roll, degrees
ρ		mass density; kg/m^3, $slugs/ft^3$
		Reference & C.G. Definitions
A_b		base area; m^2, ft^2
b	BREF	wing span or reference span; m, ft
c.g.		center of gravity
ℓ_{REF} $\bar{c}$	LREF	reference length or wing mean aerodynamic chord; m, ft
S	SREF	wing area or reference area; m^2, ft^2
	MRP	moment reference point
	XMRP	moment reference point on X axis
	YMRP	moment reference point on Y axis
	ZMRP	moment reference point on Z axis

SUBSCRIPTS

b	base
l	local
s	static conditions
t	total conditions
∞	free stream

NOMENCLATURE (Continued)

Body-Axis System

SYMBOL	PLOT SYMBOL	DEFINITION
C_N	CN	normal-force coefficient; $\frac{\text{normal force}}{qS}$
C_A	CA	axial-force coefficient; $\frac{\text{axial force}}{qS}$
C_Y	CY	side-force coefficient; $\frac{\text{side force}}{qS}$
C_{A_b}	CAB	base-force coefficient; $\frac{\text{base force}}{qS}$ $-A_b(p_b - p_\infty)/qS$
C_{A_f}	CAF	forebody axial force coefficient, $C_A - C_{A_b}$
C_m	CLM	pitching-moment coefficient; $\frac{\text{pitching moment}}{qS\ell_{REF}}$
C_n	CYN	yawing-moment coefficient; $\frac{\text{yawing moment}}{qSb}$
C_ℓ	CBL	rolling-moment coefficient; $\frac{\text{rolling moment}}{qSb}$
		Stability-Axis System
C_L	CL	lift coefficient; $\frac{\text{lift}}{qS}$
C_D	CD	drag coefficient; $\frac{\text{drag}}{qS}$
C_{D_b}	CDB	base-drag coefficient; $\frac{\text{base drag}}{qS}$
C_{D_f}	CDF	forebody drag coefficient; $C_D - C_{D_b}$
C_Y	CY	side-force coefficient; $\frac{\text{side force}}{qS}$
C_m	CLM	pitching-moment coefficient; $\frac{\text{pitching moment}}{qS\ell_{REF}}$
C_n	CLN	yawing-moment coefficient; $\frac{\text{yawing moment}}{qSb}$
C_ℓ	CSL	rolling-moment coefficient; $\frac{\text{rolling moment}}{qSb}$
L/D	L/D	lift-to-drag ratio; C_L/C_D
L/D_f	L/DF	lift to forebody drag ratio; C_L/C_{D_f}

NOMENCLATURE (Continued)
Additions to Standard List

Symbol	Plot Symbol	Description
A_B		base area excluding cavity, ft^2
A_{BC}		sting/balance cavity area, ft^2
$A_{B_{TOT}}$		total Orbiter base area, ft^2
A_{V1}, A_{V2}		vertical tail base area at stations 1 and 2, respectively, ft^2
C_{A_B}	CAB	base, excluding cavity, axial-force coefficient
$C_{A_{BC}}$		balance cavity axial-force coefficient
C_{A_T}		model weight tare axial-force coefficient
C_{A_V}	CAV	vertical tail axial force coefficient
$C_{A_{V_u}}$	CAUV	uncorrected vertical tail axial-force coefficient
$C_{A_{V_B}}$	CABV	vertical tail base axial-force coefficient
$\bar{c}_e$		elevon panel MAC, in
C_{h_r}	CHR	rudder hinge-moment coefficient
$C_{h_{SB_{UL}}}$	CHSBUL	upper left speedbrake hinge-moment coefficient
$C_{h_{SB_{LL}}}$	CHSBLL	lower left speedbrake hinge-moment coefficient

NOMENCLATURE (Continued)

$C_{h_{SB_{UR}}}$	CHSBUR	upper right speedbrake hinge-moment coefficient
$C_{h_{SB_{LR}}}$	CHSBLR	lower right speedbrake hinge-moment coefficient
$C_{h_{e_I}}$	CHEI	inboard elevon hinge-moment coefficient
$C_{h_{e_o}}$	CHEO	outboard elevon hinge-moment coefficient
$C_{h_{e_{TOT}}}$	CHETOT	total elevon hinge-moment coefficient
$C_{h_{BF}}$	CHBF	body flap hinge-moment coefficient
$C_{h_{\delta_e}}$	CHDE	elevon hinge-moment coefficient derivative with respect to elevon deflection, per deg.
$C_{h_{\delta_r}}$	CHDR	rudder hinge-moment coefficient derivative with respect to rudder deflection, per deg.
$C_{P_{V1}}, C_{P_{V2}}, C_{P_{V3}}$		pressure coefficient on vertical tail at stations 1,2,3, respectively
C_{ℓ_V}	CBLV	vertical tail panel rolling-moment coefficient
C_{n_V}	CYNV	vertical tail panel yawing-moment coefficient
C_{Y_V}	CYV	vertical tail panel side-force coefficient
$C_{\ell_{\delta a}}$	DCBLDA	rolling-moment coefficient derivative with respect to aileron deflection, per deg
$C_{n_{\delta a}}$	DCYNDA	yawing-moment coefficient derivative with respect to aileron deflection, per deg.

NOMENCLATURE (Continued)

$C_{Y_{\delta a}}$	DCY/DA	side-force coefficient derivative with respect to aileron deflection, per deg.
HM		surface hinge moment, in.-lbs
P_B		average base, excluding cavity pressure, psia
$P_{B_1},\ldots,P_{B_5}$		base pressure at stations 1,2,...5, respectively, psia
P_{SC}		sting cavity pressure, psia
X_{CG}		longitudinal location of CG, F.S. in.
Y_{CG}		lateral location of CG, W.P. in.
X_{CP}/ℓ	XCP/L	longitudinal center of pressure location
ΔC_A	DCA	incremental axial-force coefficient
ΔC_D	DCD	incremental drag coefficient
ΔC_L	DCL	incremental lift coefficient
ΔC_ℓ	DCBL	incremental rolling-moment coefficient
ΔC_m	DCLM	incremental pitching-moment coefficient
ΔC_n	DCYN	incremental yawing-moment coefficient
ΔC_Y	DCY	incremental side-force coefficient
δ_{SB}	SPDBRK	speed brake deflection angle, degrees
δ_{BF}	BDFLAP	body flap deflection angle, degrees
δa	AILRON	aileron deflection angle, degrees

NOMENCLATURE (Continued)

δ_e	ELEVON	elevon deflection angle, degrees
δ_{e_L}		left elevon deflection angle, degrees
δ_{e_R}		right elevon deflection angle, degrees
δ_r	RUDDER	rudder deflection angle, degrees
$\Delta\delta_a$	DALRON	incremental aileron deflection angle, degrees
$\Delta\delta_e$	DELVON	incremental elevon deflection angle, degrees
$\Delta\delta_{SB}$	DSPBRK	incremental speed brake deflection angle, degrees
$\Delta\delta_{BF}$	DBDFLP	incremental body flap deflection angle, degrees
$\Delta\delta_r$	DRUDER	incremental rudder deflection angle, degrees
	RUDMOD	parameter for rudder modification, 1.0 = basic, 2.0 = bulkhead, 3.0 = block (see table II)
	GAP NO	parameter for gap position, 1.0 = open, 2.0 = closed, (see table II)
ΔC_{Df}	DCDF	incremental forebody drag coefficient
ΔC_N	DCN	incremental normal force coefficient
C_{NV}	CNV	vertical tail normal force coefficient
$C_{A_{f_v}}$	CAFV	vertical tail forebody axial force coefficient
ΔC_{A_f}	DCAF	incremental forebody axial force coefficient
C_{Y_β}	CYBETA	side-force coefficient derivative with respect to beta (beta = $\pm$6°), per degree
C_{n_β}	CYNBET	yawing-moment coefficient derivative with respect to beta (beta = $\pm$6°), per degree
C_{ℓ_β}	CBLBET	rolling-moment coefficient derivative with respect to beta (beta = $\pm$6°), per degree

NOMENCLATURE (Concluded)

XCPV	longitudinal distance from MRP to vertical tail center of pressure in fraction of body length.
ZCPV	vertical distance from MRP to vertical tail center of pressure in fraction of body length.

CONFIGURATIONS INVESTIGATED

The model used for this test period (47-0) was an 0.030-scale representation of the Rockwell International 140A/B Space Shuttle Orbiter. The basic model has a blended wing-body design utilizing a double delta wing ($75°/45°\Lambda_{LE}$), full span elevons (unswept hingeline), centerline vertical tail with rudder and/or speedbrake capability, canopy and orbital maneuvering system pods (OMS).

Control surface panels were instrumented to record respective hinge moments. Those panels instrumented with hinge moment strain gages were the body flap, right hand inboard and outboard elevon, left hand upper and lower speedbrake panels and right hand upper and lower speedbrake panels.

The vertical tail was isolated from the Orbiter by use of a 1.0-inch Lockheed balance for measuring vertical tail panel loads. Separate balance cavity and base pressures were used to reduce the vertical tail data. The effects of closing the rudder hingeline gaps were also investigated.

Individual speedbrake panels were taped to form bulkheads and reduce any possible spanwise flow on the vertical tail base at 25 and 85 degree speedbrake deflections. Wooden blocks were also fabricated to simulate conditions on the 0.0405-scale Orbiter vertical tail/speedbrake base end.

Flow visualization runs were made to determine flow conditions on the forward fuselage below the canopy.

For this test the following nomenclature was used to designate the various model components:

Component	Definition
B_{26}	-140A/B Fuselage
C_9	-140A/B Canopy
F_9	-140A/B Body Flap
M_7	-140A/B OMS pods
W_{116}	-140A/B Wing
E_{37}	-140A/B "Grumman" gap elevons
E_{38}	E_{26} with "sawcut" gaps
E_{39}	E_{26} with all gaps filled
V_8	Basic Orbiter vertical tail
V_{18}	V_8 with all gaps closed
R_5	Basic Orbiter rudder
R_{11}	R_5 with wooden block insert simulating the 0.0405-scale Orbiter, $\delta_{SB} = 25°$
R_{12}	R_5 with wooden block insert simulating the 0.0405-scale Orbiter, $\delta_{SB} = 85°$
R_{13}	R_{10} except $\delta_{SB} = 85°$
R_{14}	R_5 with upper and lower bulkheads, $\delta_{SB} = 25°$

TEST FACILITY DESCRIPTION

The North American Aerodynamics Laboratory (NAAL) 7.75- by 11-Foot Wind Tunnel is a continuous flow, closed circuit, single return type tunnel capable of speeds up to 200 miles per hour. The test section is vented to atmospheric pressure and is 7.75 by 11 feet wide by 12 feet in length. Power is supplied by a 1250 horsepower nacelle mounted synchronous motor driving a 19-foot, seven blade, laminated birch propeller. The airspeed is controlled by varying the degree of coupling between the motor and propeller by means of a magnetic clutch. A damping screen and honeycomb section in the settling chamber upstream from the contraction cone (ratio 7.53 to 1) minimizes turbulence in the test section. The NAAL Wind Tunnel has been in operation since June 1943 and calibrations are available over a wide range of test conditions.

Tests may be conducted using a variety of mounting systems, e.g.; a single strut, double strut, sting strut, reflection plane, cable suspension, and two dimensional wall. Aerodynamic data may be measured by a planar type external balance system or sting mounted internal balances. An Astrodata Automatic Data Acquisition System is used to collect, multiplex, digitize, and record 50 channels of force and/or pressure data on magnetic tape. This data is then rapidly reduced and plotted using automatic data processing equipment and an automatic digital plotter.

DATA REDUCTION

The aerodynamic force and moment data for the Orbiter were measured by the Task 2.5-inch MK IX six-component internal strain gage balance. The vertical tail force and moment data were measured by the Lockheed (10034) 1.0-inch internal strain gage balance. The data have been corrected for model base and balance chamber pressure effects, model blockage influence on tunnel dynamic pressure, wall interference effects, sting and balance deflections and model weight tare.

The corrections made to Orbiter axial-force coefficient were as follows:

$$C_{A_F} = C_A - C_{A_{BC}} - C_{A_B} - C_{A_T}$$

where:

$$C_{A_{BC}} = - \frac{(P_{SC} - P_o)}{q} \frac{A_{BC}}{S}$$

$$C_{A_B} = - \left(\frac{P_B - P_o}{q}\right)\left(\frac{A_B}{S}\right), \quad P_B = \frac{1}{5} \left(P_{B_1} + \ldots P_{B_5}\right)$$

C_{A_T} = model axial force weight tare

The corrections made to the vertical tail balance axial-force coefficient were as follows:

$$C_{A_V} = C_{A_{VU}} - C_{A_{VB}}$$

where

$C_{A_{VU}}$ = uncorrected vertical tail axial force coefficient

$$C_{A_{VB}} = - \left[\frac{\left(C_{P_{V2}} - C_{P_{V3}}\right) A_{V2} + C_{P_{V1}} \left(A_{V1}\right)}{S} \right]$$

The following reference dimensions were used for data reduction of all aerodynamic data to coeffficient form:

Symbol	Definition	Value
$A_{B_{TOT}}$	Total Orbiter base area, ft^2	0.29847
A_{SC}	Sting cavity area, ft^2	0.0767
S	Wing Area, ft^2	2.4210
b	Wing span, in.	28.1004
$\bar{c}$	Wing MAC, in.	14.2440
L_B	Orbiter body length, in.	38.7090
X_{CG}	Center of gravity, F.S., in.	32.294
Z_{CG}	Center of gravity, W.P., in.	11.250
$\bar{c}_e$	Elevon panel MAC, in.	2.721
$\bar{c}_r$	Rudder MAC, in.	2.211
$\bar{c}_{SB}$	Speedbrake panel MAC, in.	2.211
$\bar{c}_{BF}$	Body flap MAC, in.	2.541
S_e	Elevon panel area, ft^2	0.1890
S_r	Rudder area, ft^2	0.0901
S_{SB}	Speedbrake panel area, ft^2	0.0901
S_{BF}	Body flap area, ft^2	0.1283
A_{V1}	Vertical tail base area, ft^2	0.00625
A_{V2}	Vertical tail base area, ft^2	0.01326

Figure 2a is a sketch of the model with the moment reference center (MRC) location shown. Listed below are full scale and model scale reference data values for OA37.

Description	Full Scale	Model Scale
SREF (Wing Area)	2690 ft^2	2.421 ft^2
LREF (Wing MAC)	474.8 in	14.244 in
BREF(Wing Span)	936.8 in	28.1004 in
XMRP (MRC F.S.)	1076.7 in	32.294 in
YMRP	0.0 in	0.0 in
ZMRP (MRC W.P.)	375.0 in	11.25 in

TABLE I.

TEST : 0A37 NAAL 719 DATE : 28 Jan 74

TEST CONDITIONS

Nominal MACH NUMBER	REYNOLDS NUMBER (per unit length)	DYNAMIC PRESSURE (pounds/sq. inch)	STAGNATION TEMPERATURE (degrees Fahrenheit)
0.26	1.85×10^6/ft	100 PSF	60→90°F

BALANCE UTILIZED: (1) Task 2.5-inch MK IX Internal Strain Gage
(2) Lockheed 1.0-inch (10034) Internal Strain Gage

	CAPACITY: (1)	(2)		ACCURACY:	COEFFICIENT TOLERANCE:
NF	1500	700	lbs	±0.25%	
SF	750	500	lbs	±0.25%	
AF	200	125	lbs	±0.25%	
PM					
RM	4000	1200	in-lbs	±0.25%	
YM					

COMMENTS:

The Lockheed balance was used to record loads on the vertical tail panel.

TABLE II.

TEST: OA 37 (NAAL 719) — DATA SET/RUN NUMBER COLLATION SUMMARY — DATE: 28 JANUARY 74

DATA SET IDENTIFIER	CONFIGURATION	SCHD. α	SCHD. β	δ_{BF}	δ_{EL}	δ_{ER}	δ_R	RUDMOD	δ_{SB}	GAP NO	NO. OF RUNS	MACH NUMBERS .26	TEST RUN NUMBERS	
RF20C1	$B_{26}C_9F_9M_7W_{116}E_{37}V_8R_5$	A	0	-11.7	0	0	0		25		1	1	(Q = 100 psf)	
002		0	B	↓	↓	↓	↓	1.0	↓	1.0	↓	2		
003		10	↓					↓		↓		3		
004		15										4		
005		20	↓					↓		↓		5		
006		A	0	↓								6		
007				0								7		
008				16.3	↓	↓						8		
009				↓	15	15						9		
010				-11.7	↓	↓						10		
011				↓	-10	-10						11		
012				↓	-20	-20						12		
013				0	↓	↓						13		
016				-11.7	0	0						16		
017				↓	-40	-40						17		
018				0	↓	↓						18		
019				-11.7	0	↓						19		
020	↓	↓	↓	↓	↓	-20	↓	↓	↓	↓	↓	20		

1 7 13 19 25 31 37 43 49 55 61 67 75 76

CL CDF CLM FN CAF CYN CBL CY XCP/L CAB MACH ALPHA BETA

R DATA α OR β SCHEDULES

COEFFICENTS: α(A) = -4, -2, -1, 0, 1, 2 → 30, Δα = 2°

β(B) = -10 → +10, Δβ = 2°

IDVAR (1) IDVAR (2) NDV

RUDMOD: 1.0 = BASIC, 2.0 = BULKHEADS, 3.0 = BLOCK

GAP NO.: 1.0 = OPEN, 2.0 = CLOSED

TABLE II. - Continued.

TEST: OA 37 (NAAL 717) | DATA SET/RUN NUMBER COLLATION SUMMARY | DATE: 28 JANUARY 74

DATA SET IDENTIFIER	CONFIGURATION	SCHD. α	SCHD. β	PARAMETERS/VALUES δBF	δeL	δeR	δe	RJDMOD	δSB	NO. OF RUNS	MACH NUMBERS .26	TEST RUN NUMBERS
RF2 021	$B_{26}C_9F_9M_7W_{116}E_{37}V_8R_5$	A	0	T11.7	15	-15	0		25	1	21	
022					-5	↓					22	
023					↓	-35					23	
024					5	-25					24	
025					↓	-5					25	
026					-15	-25			↓		26	
027		↓	↓		0	0			55		27	
028		0	B		↓	↓			↓		28	
029		10	↓								29	
030		15									30	
031		20	↓	↓							31	
032		A	C	0							32	
033		↓	↓	16.3	↓	↓					33	
034				T11.7	15	15			↓		34	
036		↓	↓		0	0			85		36	
037		0	B		↓	↓		1.0	↓		37	
038		10	↓					↓			38	
039	↓	15	↓	↓	↓	↓	↓	↓	↓	↓	39	

1 7 13 19 25 31 37 43 49 55 61 67 75 76

CNV, CAFV, CLMV, CYV, CYNV, CBLV, CABV, CAHV, XCPV, ZCPV, MACH, ALPHA, BETA

A DATA α OR β SCHEDULES

COEFFICIENTS: α(A) = -4, -2, -1, 0, 1, 2 → 30, Δα = 2°; β(B) = -10 → +10, Δβ = 2°

IDVAR (1) IDVAR (2) NDV

TABLE II. - Continued.

TEST : 0A37 (NAAL 719) — DATA SET/RUN NUMBER COLLATION SUMMARY — DATE : 28 JANUARY 74

DATA SET IDENTIFIER	CONFIGURATION	SCHD. α	SCHD. β	PARAMETERS/VALUES δ_{BF}	δ_{eL}	δ_{eR}	δ_R	RUDMOD	δ_{sB}	NO. OF RUNS	MACH NUMBERS .26	TEST RUN NUMBERS
RF2040	$B_2G_1F_9M_7W_{116}E_3N_8R_5$	20	B	11.7	0	0	0	1.0	85	1	40	
041		A	0	0	↓	↓	↓		↓	↓	41	
042		↓	↓	16.3	↓	↓					42	
043		↓	↓	11.7	15	15	↓		↓		43	
044		0	B	↓	0	0	-10		25		44	
045		10	↓		↓	↓	↓		↓		45	
046		15									46	
047		20					↓				47	
048		0					-25				48	
049		10					↓				49	
050		15									50	
051		20					↓		↓		51	
052		0					-10		55		52	
053		10					↓		↓		53	
054		15									54	
055		20					↓				55	
056		0					-25				56	
057	↓	10	↓	↓	↓	↓	↓		↓	↓	57	

1 7 13 19 25 31 37 43 49 55 61 67 75 76

CH,S,BU,L,CH,S,B,U,R,CH,S,B,L,R,CH,S,B,L,L,CH,R, , ,CH,E,I, ,CH,EΦ, ,CH,E,TΦ,T,CH,BF, , , , , , MACH, ALPHA BETA

IDVAR (1) IDVAR (2) NDV

B DATA α OR β SCHEDULES

COEFFICIENTS

$\alpha(A) = -4, -2, -1, 0, 1, 2 \rightarrow 30$, $\Delta\alpha = 2°$

$\beta(B) = -10 \rightarrow +10$, $\Delta\beta = 2°$

TABLE II. - Continued.

TEST : OA37 (NAAL 719) — DATA SET/RUN NUMBER COLLATION SUMMARY — DATE : 28 JANUARY 74

DATA SET IDENTIFIER	CONFIGURATION	SCHD. α	SCHD. β	δ_{BF}	δ_{eL}	δ_{eR}	δ_R	δ_{SB}	GAPNQ	NO. OF RUNS	MACH NUMBERS .26	TEST RUN NUMBERS
RF2 058	$B_{26}C_9F_9M_7W_{116}E_{37}V_8R_5$	15	B	11.7	0	0	-25	55		1	58	
059		20									59	
060		0					-10	85			60	
061		10									61	
062		15									62	
063		20									63	
064		0						0			64	
065		10									65	
066		15									66	
067		20									67	
068		0					0				68	
069		10									69	
070		15									70	
071		20									71	
072	$B_{26}C_9F_9M_7W_{116}E_{37}V_{18}R_5$	A	0								72	
073		0	B						2.0		73	
074		10									74	
075		15									75	

1 7 13 19 25 31 37 43 49 55 61 67 75 76

CL CDF CLM CN CAF CYN CBL CY IXCP/L CAB MACH ALPHA BETA

α OR β SCHEDULES

COEFFICENTS

$\alpha(A) = -4, -2, -1, 0, 1, 2 \rightarrow 30, \Delta\alpha = 2°$

$\beta(B) = -10 \rightarrow +10, \Delta\beta = 2°$

IDVAR (1) IDVAR (2) NDV

TABLE II. - Continued.

TEST : OA37 (NAAL 719) | DATA SET/RUN NUMBER COLLATION SUMMARY | DATE : 26 JANUARY 74

DATA SET IDENTIFIER	CONFIGURATION	SCHD. α	SCHD. β	PARAMETERS/VALUES δBF	δeL	δeE	δR	RUDMOD	δSB	GAPNO	NO. OF RUNS	MACH NUMBERS .26	TEST RUN NUMBERS
RF2076	$B_{26}C_9F_9M_7W_{116}E_{37}V_{18}R_5$	20	B	11.7	0	0	0		0	2.0	1	76	
077	$B_{26}C_9F_9M_7W_{116}E_{38}V_8R_5$	A	0	16.3	↓	↓	↓	↓	25	↓	↓	77	
078	↓	↓	↓	↓	+15	+15	↓	↓	↓	↓	↓	78	
079	$B_{26}C_9F_9M_7W_{116}E_{37}V_8R_5$	↓	↓	11.7	0	0	↓	↓	0	↓	↓	79	
080	↓	0	B	↓	↓	↓	↓	↓	↓	↓	↓	80	
081	↓	10	↓	↓	↓	↓	↓	↓	↓	↓	↓	81	
082	↓	15	↓	↓	↓	↓	↓	↓	↓	↓	↓	82	
083	↓	20	↓	↓	↓	↓	↓	↓	↓	↓	↓	83	
084	$B_{26}C_9F_9M_7W_{116}E_{37}V_8R_{14}$	A	0	↓	↓	↓	↓	↓	25	↓	↓	84	
085	↓	0	B	↓	↓	↓	↓	2.0	↓	↓	↓	85	
086	↓	10	↓	↓	↓	↓	↓	↓	↓	↓	↓	86	
087	↓	15	↓	↓	↓	↓	↓	↓	↓	↓	↓	87	
088	↓	20	↓	↓	↓	↓	↓	↓	↓	↓	↓	88	
089	R_{11}	A	0	↓	↓	↓	↓	↓	↓	↓	↓	89	
090	↓	0	B	↓	↓	↓	↓	3.0	↓	↓	↓	90	
091	↓	10	↓	↓	↓	↓	↓	↓	↓	↓	↓	91	
092	↓	15	↓	↓	↓	↓	↓	↓	↓	↓	↓	92	
093	↓	20	↓	↓	↓	↓	↓	↓	↓	↓	↓	93	

1 7 13 19 25 31 37 43 49 55 61 67 75 76

CL , CDF , CLM , CN , CAF , CYN , CBL , CY , XCP/L CAB , MACH , ALPHA , BETA ,

IDVAR (1) IDVAR (2) IDV

α OR β SCHEDULES

COEFFICENTS

$\alpha(A) = -4, -2, -1, 0, 1, 2 \rightarrow 30, \Delta\alpha = 2°$

$\beta(B) = -10 \rightarrow +10, \Delta\beta = 2°$

TABLE II. - Concluded.

TEST: 0A37 (NAAL 719) — DATA SET/RUN NUMBER COLLATION SUMMARY — DATE: 28 JANUARY 74

DATA SET IDENTIFIER	CONFIGURATION	SCHD. α	SCHD. β	PARAMETERS/VALUES δBF	δeL	δeR	δR	RUDMOD	δSB	NO. OF RUNS	MACH NUMBERS .26	TEST RUN NUMBERS
RDXC94	$B_{26}C_9F_9M_7W_{116}E_{37}V_8R_{12}$	A	0	-11.7	0	0	0		85	1	94	94
095		0	B					2.0			95	95
096		10									96	96
097		15									97	97
098		20									98	98
099	R_{13}	A	0								99	99
100		0	B					3.0			100	100
101		10									101	101
102		15									102	102
103		20									103	103
104	$B_{26}C_9F_9M_7W_{116}E_{39}V_8R_{11}$	A	0						25		104	104
105					-20	-20					105	105
106					-40	-40					106	106
108	$B_{26}C_9F_9M_7W_{116}E_{37}$				0	0	—		—		108	108
109		0	B				—		—		109	109
110		10					—		—		110	110
111		15					—		—		111	111
112		20					—		—		112	112

1 7 13 19 25 31 37 43 49 55 61 67 75 76

CL | CDF | CLM | CN | CAF | CYN | CBL | CY | XCP/L | CAB | MACH | ALPHA BETA

α OR β SCHEDULES

COEFFICENTS

α(A) = -4, -2, -1, 0, 1, 2 → 30, Δα = 2°

β(B) = -10 → +10, Δβ = 2°

IDVAR (1) IDVAR (2) NDV

*Revised 4/24/74

TABLE III. - MODEL DIMENSIONAL DATA

MODEL COMPONENT: BODY - B_{26}

GENERAL DESCRIPTION: Orbiter Fuselage Configuration 140 A/B

NOTE: B_{26} identical to B_{24} except underside of fuselage refaired to accept W_{116}.

Model Scale = 0.030

DRAWING NUMBER: VL70-000193
VL70-000140A, VL70-000140B

DIMENSIONS:	FULL-SCALE	MODEL SCALE
Length (Body Fwd Sta X_o = 238) - in.	1290.3	38.709
*Max. Width (at X_o = 1528.3 - in.	264.0	7.92
Max. Depth (at X_o = 1464) - in.	250.0	7.500
Fineness Ratio	0.26357	0.26357
Area - ft^2		
Max. Cross-Sectional	340.88462	0.30679
Planform		
Wetted		
Base		

*Revised 4/24/74

TABLE III - Continued.

MODEL COMPONENT: CANOPY - C9

GENERAL DESCRIPTION: Configuration 140 A/B Orbiter canopy used with fuselage B26

Model Scale = 0.030

DRAWING NUMBER: VL70-000140A
VL70-000143A

DIMENSIONS:	FULL-SCALE	MODEL SCALE
* Length (X_o = 434.643 to 578)	143.357	4.30
Max. Width (@ X_o = 513.127)	152.412	4.57236
Max. Depth (@ X_o = 485.0)	25.000	0.75000
Fineness Ratio		
Area		
Max. Cross-Sectional		
Planform		
Wetted		
Base		

*Revised 4/24/74

TABLE III. - Continued.

MODEL COMPONENT : Body Flap - F9

GENERAL DESCRIPTION : Configuration 140 A/B

Model Scale - 0.030

DRAWING NUMBER : VL70-000140B, VL70-000200

DIMENSIONS :	FULL SCALE	MODEL SCALE "
Length in.	84.70	2.541
Max Width in.	262.308	7.8692
Max Depth in.	23.000	0.69000
Fineness Ratio		
Area - Ft^2		
Max. Cross-Sectional		
* Planform	142.60	0.1285
Wetted		
* Base	41.90	0.03771

TABLE III. - Continued.

MODEL COMPONENT: OMS POD - M_7

GENERAL DESCRIPTION: Configuration 3A OMS Pod, includes Nozzle N_{28} (see description on next page)

Model Scale = .030

DRAWING NUMBER VL70-000140A
VL70-000145

DIMENSION:	FULL SCALE	MODEL SCALE
Length (OMS Fwd Sta X_o = 1233.0) - IN.	327.000	9.810
Max Width (@ X_o = 1450.0) - IN.	94.5	2.8350
Max Depth (@ X_o = 1493.0) - IN.	109.000	3.270
Fineness Ratio		
Area		
Max Cross-Sectional		
Planform		
Wetted		
Base		

TABLE III. - Continued.

MODEL COMPONENT: NOZZLES - N_{2B} , included with M_7

GENERAL DESCRIPTION: Configuration 3A OMS Nozzle

Model Scale = .030

DRAWING NO. VL70-000140A

DIMENSIONS	FULL-SCALE	MODEL SCALE
DIAMETER DEX ~ IN (One nozzle)		
DIAMETER DT ~ IN		
DIAMETER DIN ~ IN		
ON ~ DEGREES		
AREA - Ft^2 (one nozzle)		
MAX CROSS-SECTIONAL		

GIMBAL ORIGIN	X_o	Y_o	Z_o
LEFT NOZZLE ~ IN.	1518.0	-88.0	492.0
RIGHT NOZZLE ~ IN.	1518.0	+88.0	492.0

NULL POSITION	PITCH	YAW
LEFT NOZZLE (Null Pitch 15°49'; Yaw 12°17' OUTB'D)	±8°	13°17' OUTB'D 2°30' INB'D
RIGHT NOZZLE (Null Pitch 15°49': Yaw 12°17' OUTB'D)	±8°	13°17' OUTB'D 2°17' INB'D

*REVISED 4/24/74

TABLE III. - Continued.

MODEL COMPONENT: WING-W_{116}

GENERAL DESCRIPTION: Configuration 4

NOTE: Identical to W_{114} except airfoil thickness. Dihedral angle is along trailing edge of wing.

MODEL SCALE: 0.030

TEST NO.

DWG. NO. VL70-000140B VL70-000200

DIMENSIONS:	FULL-SCALE	MODEL SCALE
TOTAL DATA		
Area (Theo.) Ft^2	2690.00	2.4210
Planform		
Span (Theo In.	936.682	28.100
Aspect Ratio	2.265	2.265
Rate of Taper	1.177	1.177
Taper Ratio	0.200	0.200
Dihedral Angle, degrees	3.500	3.500
Incidence Angle, degrees	0.500	0.500
Aerodynamic Twist, degrees	+ 3.000	+ 3.000
Sweep Back Angles, degrees		
Leading Edge	45.000	45.000
Trailing Edge	- 10.056	- 10.056
0.25 Element Line	35.209	35.209
Chords:		
Root (Theo) B.P.0.0.	689.2429	20.677
Tip, (Theo) B.P.	137.849	4.135
MAC	474.812	14.244
*Fus. Sta. of .25 MAC	1136.83	34.105
*W.P. of .25 MAC	290.58	8.717
*B.L. of .25 MAC	182.13	5.464
EXPOSED DATA		
*Area (Theo) Ft^2	1751.50	1.576
*Span, (Theo) In. BP108	720.68	21.620
*Aspect Ratio	2.059	2.059
Taper Ratio	0.245	0.245
Chords		
* Root BP108	562.09	16.863
* Tip 1.00 $\frac{b}{2}$	137.851	4.136
*MAC	392.83	11.785
* Fus. Sta. of .25 MAC	1185.98	35.579
* W.P. of .25 MAC	294.30	8.829
* B.L. of .25 MAC	251.77	7.553
Airfoil Section (Rockwell Mod NASA) XXXX-64		
Root $\frac{b}{2}$ =	0.113	0.113
Tip $\frac{b}{2}$ =	0.12	0.12
Data for (1) of (2) Sides		
Leading Edge Cuff		
* Planform Area Ft^2	113.18	0.102
* Leading Edge Intersects Fus M. L. @ Sta	500.00	15.000
* Leading Edge Intersects Wing @ Sta	1024.00	30.720

* Revised 4/24/74

TABLE III. - Continued.

MODEL COMPONENT: ALTERNATE SLOTTED ELEVON - E_{37}

GENERAL DESCRIPTION: Configuration 140A/B Orbiter Elevon

E_{37} is a slotted version of E_{26}. Data is for one side.

MODEL SCALE: 0.030 MODEL DRAWING NO.: SS-A00147, RELEASE 12

DRAWING NUMBER: VL70-000200, -006089, -006092 and Fig. 4A of SAS/AERO/76-643

DIMENSIONS:	FULL-SCALE	MODEL SCALE
Area - Ft^2	210.0	0.1890
Span (equivalent) - In.	349.2	10.476
Inb'd equivalent chord - In.	118.004	3.541
Outb'd equivalent chord - In.	55.1922	1.6558
Ratio movable surface chord/ total surface chord		
At Inb'd equiv. chord	0.2096	0.2096
At Outb'd equiv. chord	0.4004	0.4004
Sweep Back Angles, degrees		
Leading Edge	0.00	0.00
Tailing Edge	- 10.056	-10.056
Hingeline	0.00	0.00
* Area Moment (Area x MAC)-Ft^3	1587.25	0.04286
* Mean Aerodynamic Chord - In.	90.7	2.721

* Revised 4/24/74

TABLE III. - Continued.

MODEL COMPONENT: ELEVON - E_{38}

GENERAL DESCRIPTION: Configuration 140 A/B Orbiter Elevon except all gaps are filled to form an approximate 0.010 inch gap at the midspan location and the inboard/fuselage intersection. Data is for one side.

MODEL SCALE: 0.030 MODEL DRAWING: SS-A00148, RELEASE 6

DRAWING NUMBER: VL70-000200, -006089, -006092

DIMENSIONS:

	FULL-SCALE	MODEL SCALE
Area - Ft^2	210.0	0.1890
Span (equivalent) - In.	349.2	10.476
Inb'd equivalent chord	118.004	3.540
Outb'd equivalent chord	55.192	1.656
Ratio movable surface chord/ total surface chord		
At Inb'd equiv. chord	0.2096	0.2096
At Outb'd equiv. chord	0.4004	0.4004
Sweep Back Angles, degrees		
Leading Edge	0.00	0.00
Trailing Edge	- 10.056	- 10.056
Hingeline	0.00	0.00
* Area Moment (Area x MAC)-Ft^3	1587.25	0.0429
* Mean Aerodynamic Chord - In.	90.7	2.721

* Revised 4/24/74

TABLE III. - Continued.

MODEL COMPONENT: ELEVON - E_{39}

GENERAL DESCRIPTION: Configuration 140A/B orbiter elevons with all gaps filled inboard, midspan and along the hingeline. Data is for one side.

MODEL SCALE: 0.030 MODEL DRAWING: SS-A00148, RELEASE 6

DRAWING NUMBER: VL70-000200, -006089, -006092

DIMENSIONS:	FULL-SCALE	MODEL SCALE
Area - Ft^2	210.0	0.1890
Span (equivalent) - In.	349.2	10.476
Inb'd equivalent chord - In.	118.004	3.540
Outb'd equivalent chord - In.	55.192	1.656
Ratio movable surface chord/ total surface chord		
At Inb'd equiv. chord	0.2096	0.2096
At Outb'd equiv. chord	0.4004	0.4004
Sweep Back Angles, degrees		
Leading Edge	0.00	0.00
Trailing Edge	-10.056	- 10.056
Hingeline	0.00	0.00
* Area Moment (Area x MAC)-Ft^3	1587.25	0.0429
*Mean Aerodynamic Chord - In.	90.7	2.721

TABLE III. - Continued.

MODEL COMPONENT: VERTICAL - V8

GENERAL DESCRIPTION: Configuration 3A

NOTE: Similar to V5 with radius on TE upper corner and LE lower corner where vertical meets fuselage.

Model Scale = 0.030

DRAWING NUMBER: VL70-000140A, VL70-000146A

DIMENSIONS:	FULL-SCALE	MODEL SCALE
TOTAL DATA		
Area (Theo) Ft^2	413.253	0.37193
Planform		
Span (Theo) In	315.720	9.46160
Aspect Ratio	1.675	1.675
Rate of Taper	0.507	0.507
Taper Ratio	0.40399	0.40399
Sweep Back Angles, degrees		
Leading Edge	45.00	45.00
*Trailing Edge	26.2	26.2
0.25 Element Line	41.130	41.1300
Chords:		
Root (Theo) WP	268.500	8.05500
Tip (Theo) WP	108.470	3.25410
MAC	199.80756	5.99423
Fus. Sta. of .25 MAC	1463.50	43.9050
W. P. of .25 MAC	635.522	19.06566
B. L. of .25 MAC	0.00	0.00
Airfoil Section		
Leading Wedge Angle Deg	10.00	10.00
Trailing Wedge Angle Deg	14.920	14.920
Leading Edge Radius (Min) - IN	2.00	0.060
Void Area	13.17	0.01185
Blanketed Area	0.00	0.00

* Revised 4/24/74

TABLE III. - Continued.

MODEL COMPONENT: VERTICAL - V_{18}

GENERAL DESCRIPTION: Configuration 140A/B Orbiter Vertical Tail with rudder gaps at the tip, root and hingeline filled.

MODEL SCALE: 0.030

MODEL SCALE: 0.030

DRAWING NUMBER: VL70-000146A MODEL DRAWING NO.: SS-A00148, RELEASE 6

DIMENSIONS:	FULL SCALE	MODEL SCALE
TOTAL DATA		
Area (Theo) - Ft^2		
Planform	413.253	0.372
Span (Theo) - In.	315.720	9.472
Aspect Ratio	1.675	1.675
Rate of Taper	0.507	0.507
Taper Ratio	0.404	0.404
Sweep-Back Angles, Degrees.		
Leading Edge	45.000	45.000
*Trailing Edge	26.2	26.2
0.25 Element Line	41.130	41.130
Chords:		
Root (Theo) WP	268.500	8.055
Tip (Theo) WP	108.470	3.254
MAC	199.808	5.994
Fus. Sta. of .25 MAC	1463.50	43.905
W.P. of .25 MAC	635.522	19.066
B.L. of .25 MAC	0.00	0.00
Airfoil Section		
Leading Wedge Angle - Deg.	10.00	10.00
Trailing Wedge Angle - Deg.	14.920	14.920
Leading Edge Radius	2.00	2.00
Void Area	13.17	0.395
Blanketed Area	0.00	0.00

*REVISED 4/24/74

TABLE III - Continued.

MODEL COMPONENT: RUDDER R_5

GENERAL DESCRIPTION: 2A, 3 and 3A Configuration per Rockwell Lines VL70-000095

MODEL SCALE: 0.030

DRAWING NUMBER: VL70-000095

DIMENSIONS:	FULL-SCALE	MODEL SCALE
*Area Ft^2	100.15	0.0901
Span (equivalent) In.	201.0	6.0300
Inb'd equivalent chord - In.	91.585	2.748
Outb'd equivalent chord - In.	50.833	1.525
Ratio movable surface chord/ total surface chord		
At Inb'd equiv. chord	0.400	0.400
At Outb'd equiv. chord	0.400	0.400
Sweep Back Angles, degrees		
Leading Edge	34.83	34.83
Trailing Edge	26.25	26.25
Hingeline	34.83	34.83
*Area Moment (Product of Area & c)	610.92	0.0165
*Mean Aerodynamic Chord - In.	73.2	2.196

*REVISED 4/24/74

TABLE III. - Continued

MODEL COMPONENT: RUDDER R_{11}

GENERAL DESCRIPTION: Configuration 140A/B Orbiter Rudder with speedbrake/ rudder base in a surface plane parallel to vertical tail reference plane (rather than a concave surface). Region between left and right speedbrake panels is filled (with a wooden block) with $\delta_{SR} = 25^{\circ}$.

MODEL SCALE: 0.030 MODEL DRAWING: SS-A00148, RELEASE 6

DRAWING NUMBER: VL70-000146A

DIMENSIONS:	FULL-SCALE	MODEL SCALE
* Area Ft^2	100.15	0.0901
Span (equivalent) - In.	201.0	6.03
Inb'd equivalent chord, In.	91.585	2.748
Outb'd equivalent chord, In.	50.833	1.525
Ratio movable surface chord/ total surface chord		
At Inb'd equiv. chord	0.400	0.400
At Outb'd equiv. chord	0.400	0.400
Sweep Back Angles, degrees		
Leading Edge	34.83	34.83
Trailing Edge	26.25	26.25
Hingeline	34.83	34.83
* Area Moment (Product of Aera & c) $-Ft^3$	610.92	0.0165
*Mean Aerodynamic Chord, In.	73.2	2.196

*REVISED 4/24/74

TABLE III. - Continued.

MODEL COMPONENT: RUDDER - R_{12}

GENERAL DESCRIPTION: Configuration 140A/B Orbiter Rudder with speedbrake/rudder base in a surface plane parallel to vertical tail reference plane (rather than a concave surface). Region between left and right speedbrake panels is filled(with a wooden block) with $\delta_{SB} = 85^{o}$.

MODEL SCALE: 0.030 MODEL DRAWING: SS-A00148, RELEASE 6

DRAWING NUMBER: VL70-000146A

DIMENSIONS:

	FULL-SCALE	MODEL SCALE
*Area , Ft^2	100.15	0.0901
Span (equivalent) , In.	201.0	6.03
Inb'd equivalent chord , In.	91.585	2.748
Outb'd equivalent chord , In.	50.833	1.525
Ratio movable surface chord/ total surface chord		
At Inb'd equiv. chord	0.400	0.400
At Outb'd equiv. chord	0.400	0.400
Sweep Back Angles, degrees		
Leading Edge	34.83	34.83
Trailing Edge	26.25	26.25
Hingeline	34.83	34.83
*Area Moment (Product of Area & c) Ft^3	610.92	0.0165
*Mean Aerodynamic Chord, In.	73.2	2.196

*REVISED 4/24/74

TABLE III. Continued

MODEL COMPONENT: RUDDER - R_{13}

GENERAL DESCRIPTION: Configuration 140A/B Orbiter Rudder except the upper and lower speedbrake panels have bulkheads between each left and right panel to prevent spanwise flow. Region between left and right panels is filled (with a wooden block) with $\delta_{SB} = 85^{\circ}$.

MODEL SCALE: 0.030 MODEL DRAWING: SS-A00148, RELEASE 6

DRAWING NUMBER: VL72-000146A

DIMENSIONS:

	FULL-SCALE	MODEL SCALE
*Area, Ft^2	100.15	0.0901
Span (equivalent), In.	201.0	6.03
Inb'd equivalent chord, In.	91.585	2.748
Outb'd equivalent chord, In.	50.833	1.525
Ratio movable surface chord/ total surface chord		
At Inb'd equiv. chord	0.400	0.400
At Outb'd equiv. chord	0.400	0.400
Sweep Back Angles, degrees		
Leading Edge	34.83	34.83
Trailing Edge	26.25	26.25
Hingeline	34.83	34.83
* Area Moment (Product of Area & c), Ft^3	610.92	0.0165
*Mean Aerodynamic Chord, In.	73.2	2.196

*REVISED 4/24/74

TABLE III. - Continued.

MODEL COMPONENT: RUDDER - R_{14}

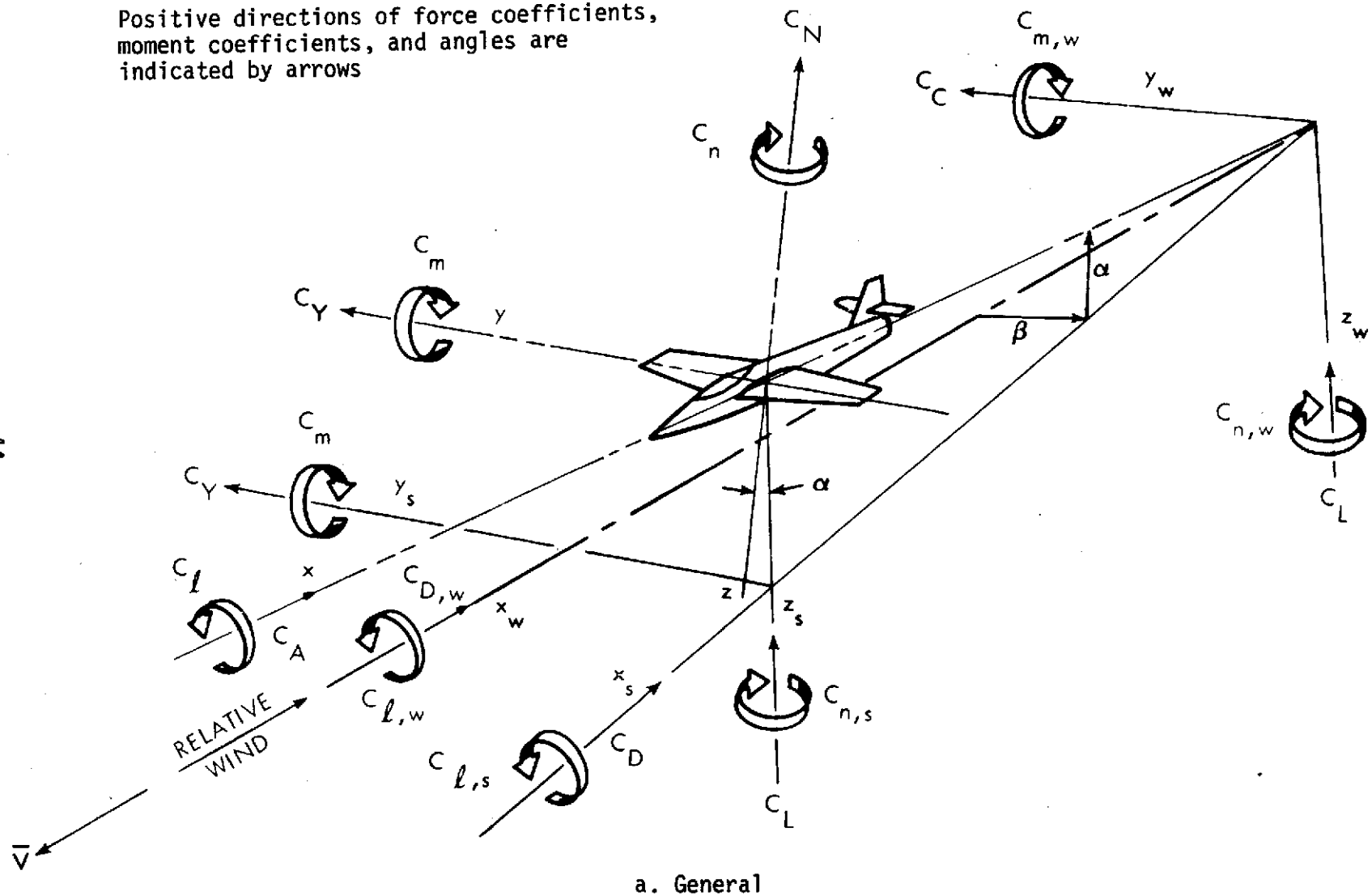
GENERAL DESCRIPTION: Configuration 140A/B Orbiter Rudder except the upper and lower speedbrake panels have bulkheads between each left and right panel to prevent spanwise flow.

MODEL SCALE: 0.030 MODEL DRAWING: SS-A00148, RELEASE 6

DRAWING NUMBER: VL70-000146A

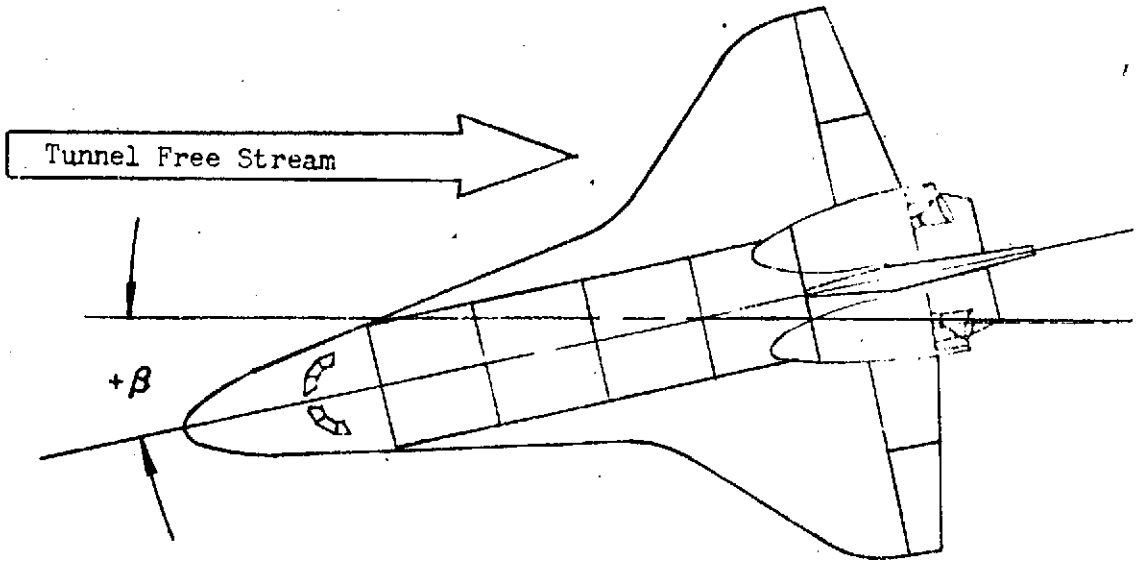
DIMENSIONS:	FULL-SCALE	MODEL SCALE
* Area . Ft^2	100.15	0.0901
Span (equivalent) , In.	201.0	6.030
Inb'd equivalent chord , In.	91.585	2.748
Outb'd equivalent chord, In.	50.833	1.525
Ratio movable surface chord/ total surface chord		
At Inb'd equiv. chord	0.400	0.400
At Outb'd equiv. chord	0.400	0.400
Sweep Back Angles, degrees		
Leading Edge	34.83	34.83
Trailing Edge	26.25	26.25
Hingeline	34.83	34.83
* Area Moment (Product of Area & c), Ft^3	610.92	0.0165
*Mean Aerodynamic Chord, In.	73.2	2.196

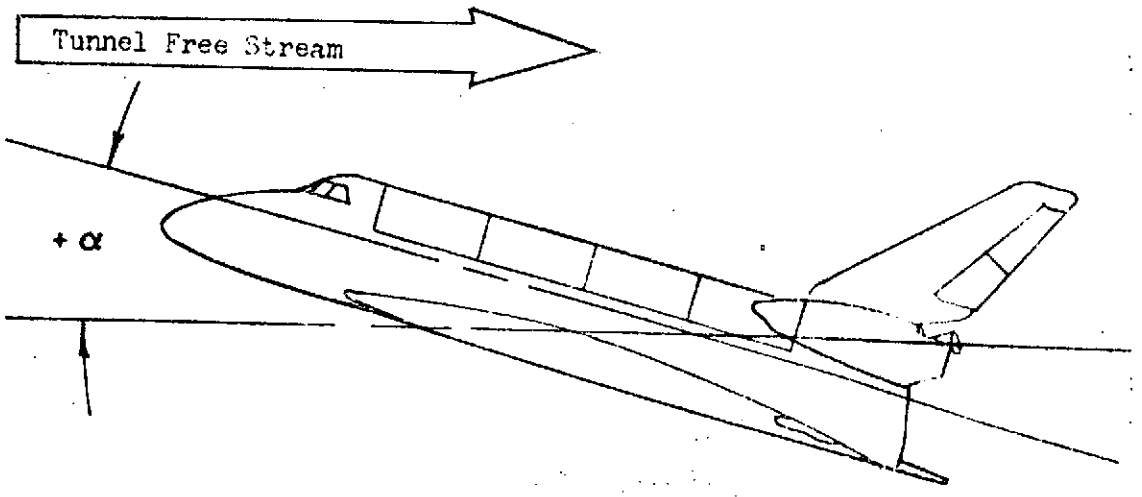
Positive directions of force coefficients, moment coefficients, and angles are indicated by arrows



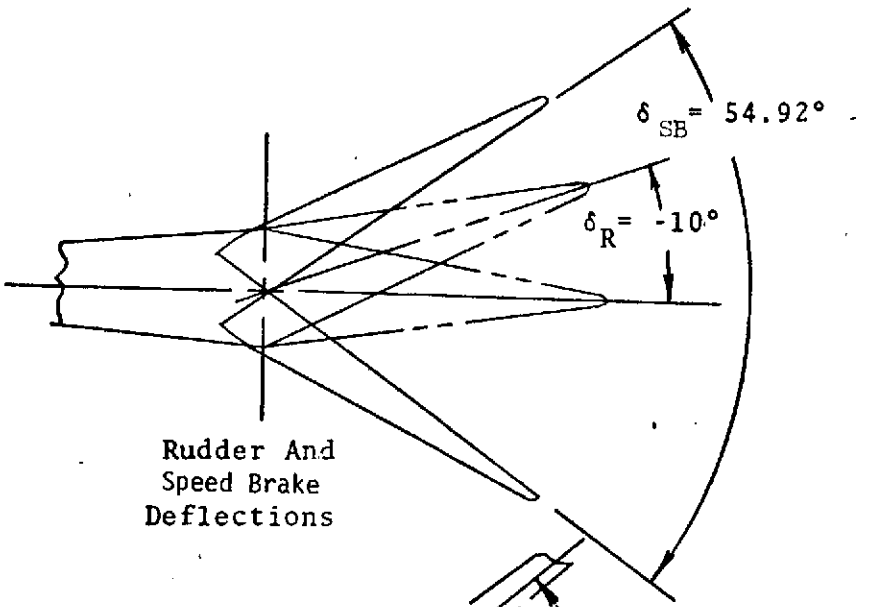
a. General

Figure 1. - Axis systems.

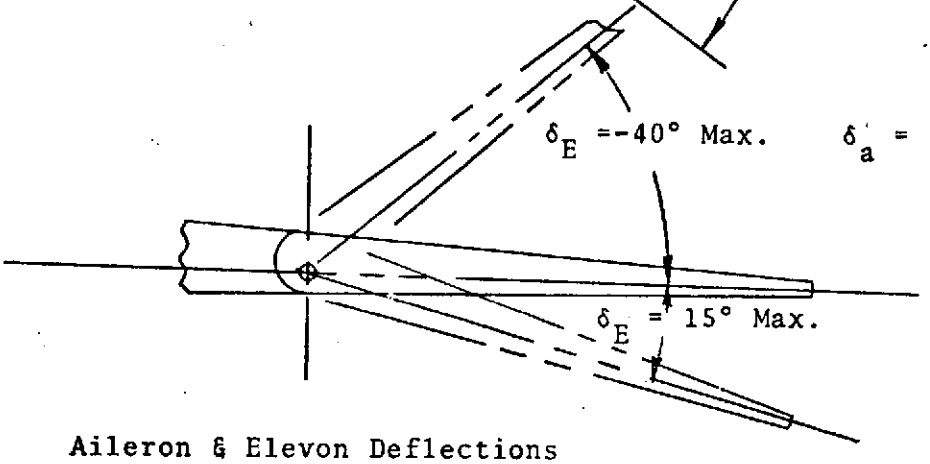




b. Model Attitude Definition
Figure 1. - Continued.



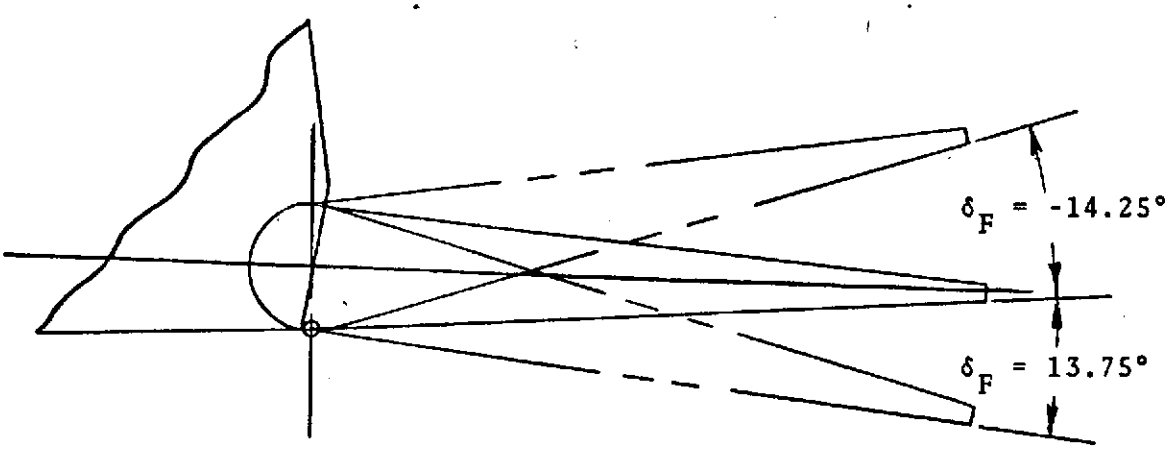
Rudder And
Speed Brake
Deflections



$$\delta_a = \frac{\delta_{E_L} - \delta_{E_R}}{2}$$

$$\delta_E = \frac{\delta_{E_L} + \delta_{E_R}}{2}$$

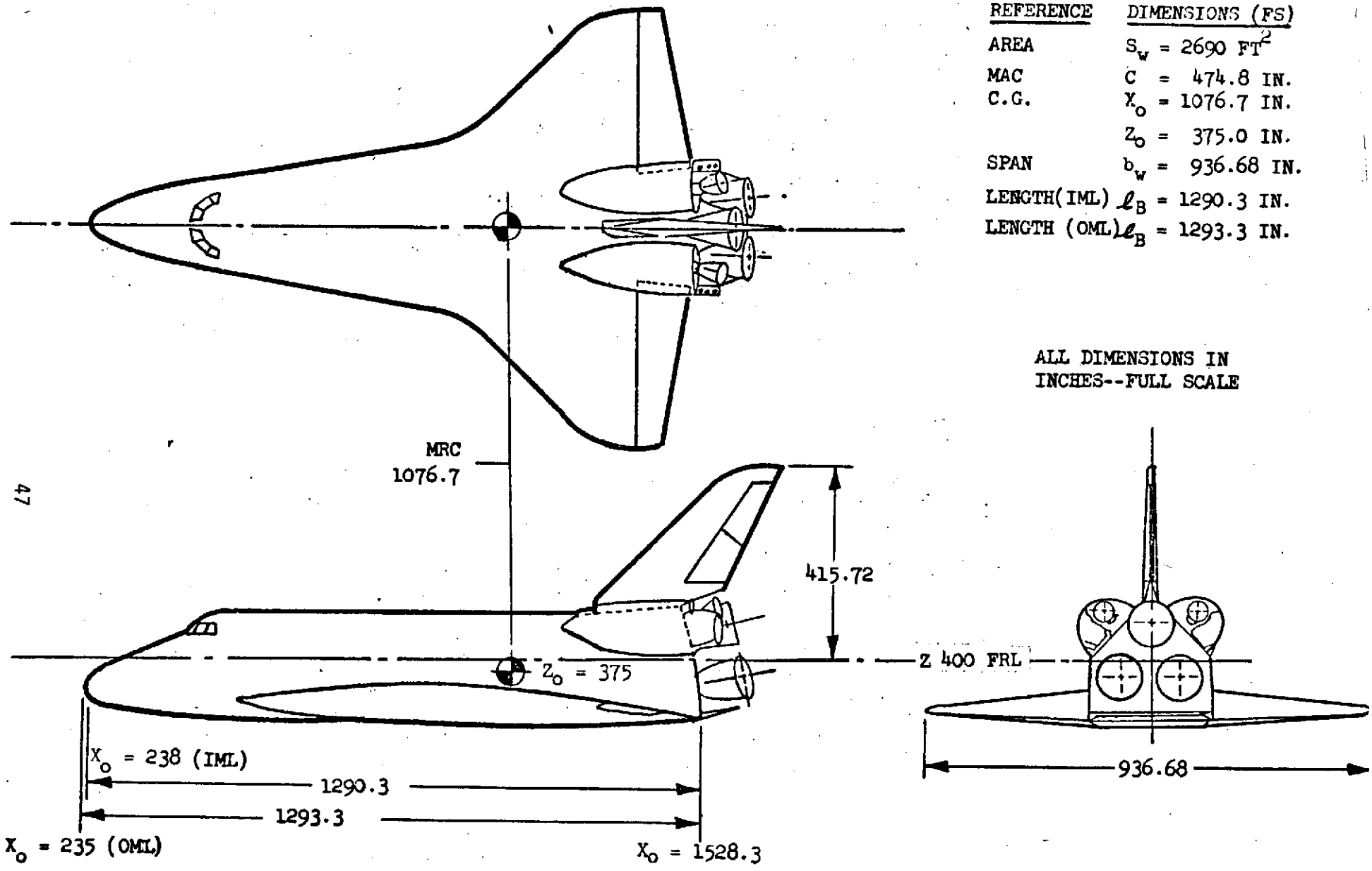
Aileron & Elevon Deflections



Body Flap Deflections

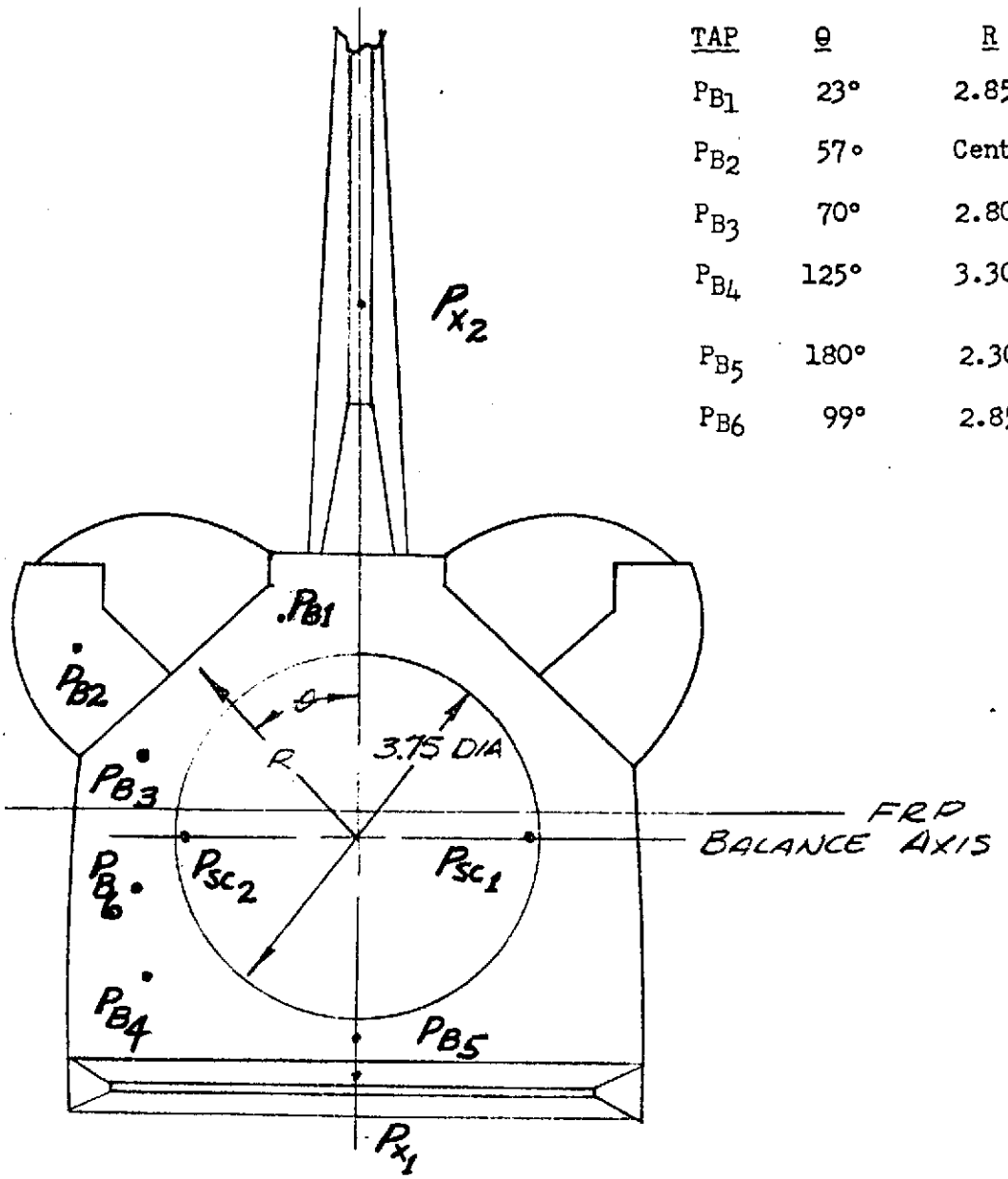
c. Sign Convention for Control Surfaces

Figure 1. - Concluded.



a. General Arrangement - 140 Orbiter

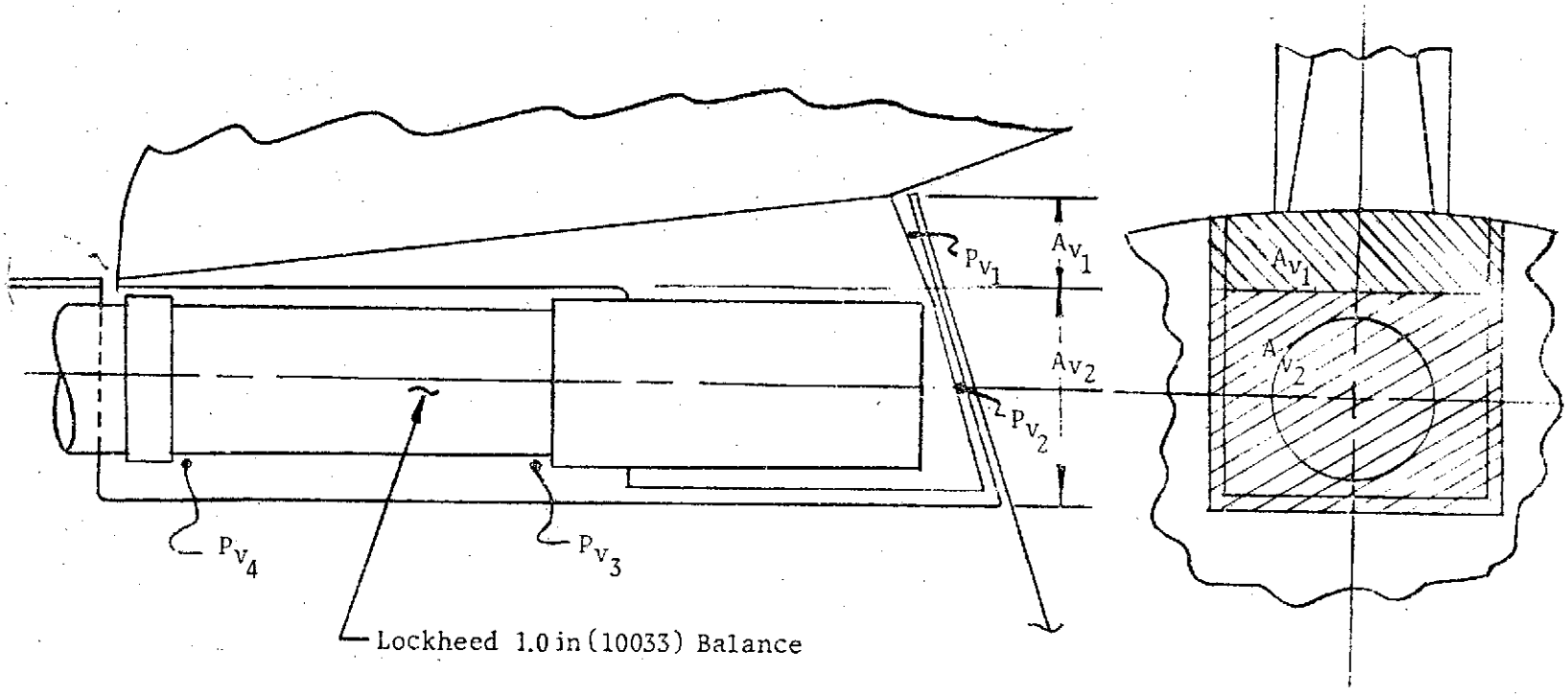
Figure 2. - Model Sketches.



TAP	θ	R
P_{B1}	23°	2.85
P_{B2}	57°	Centroid
P_{B3}	70°	2.80
P_{B4}	125°	3.30
P_{B5}	180°	2.30
P_{B6}	99°	2.85

b. Base Pressure Orifice Locations

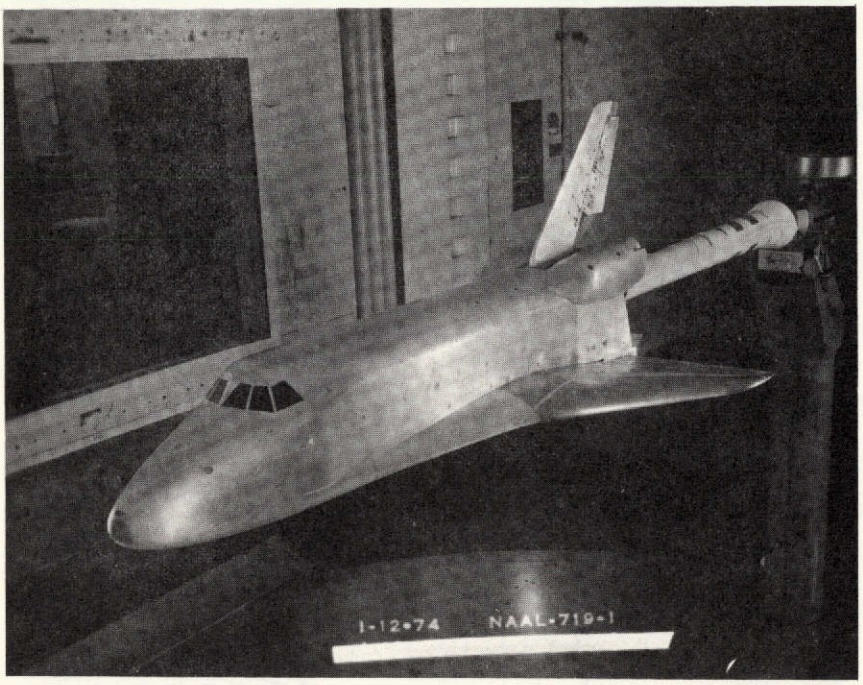
Figure 2. - Continued.



c. Vertical Tail Balance Installation

Figure 2. - Concluded.

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ORIGINAL PAGE IS POOR



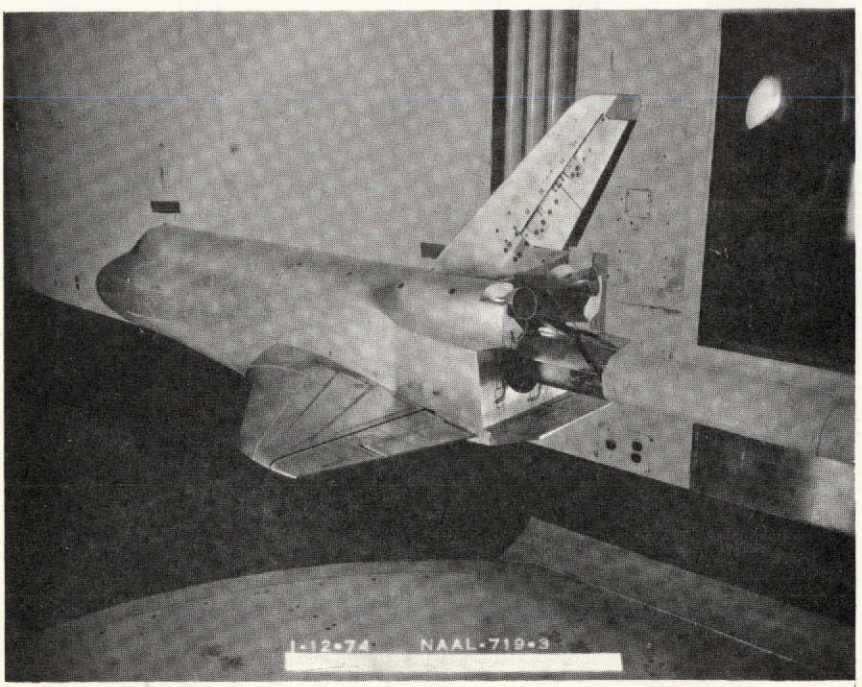


Figure 3. - Model Installation Photographs.

DATA FIGURES

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ELEVON	BOFLAP	SPOBRK	RUDDER
(DF2006)	○	0A37 B28 C9 F9 M7 V11BE37V0 R5	.000	-12.000	25.000	.000
(DF2108)	□	0A37 B26 C9 F9 M7 V11BE37	.000	-12.000		

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.8000	INCHES
BREF	936.8000	INCHES
XMRP	1076.7000	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0300	SCALE

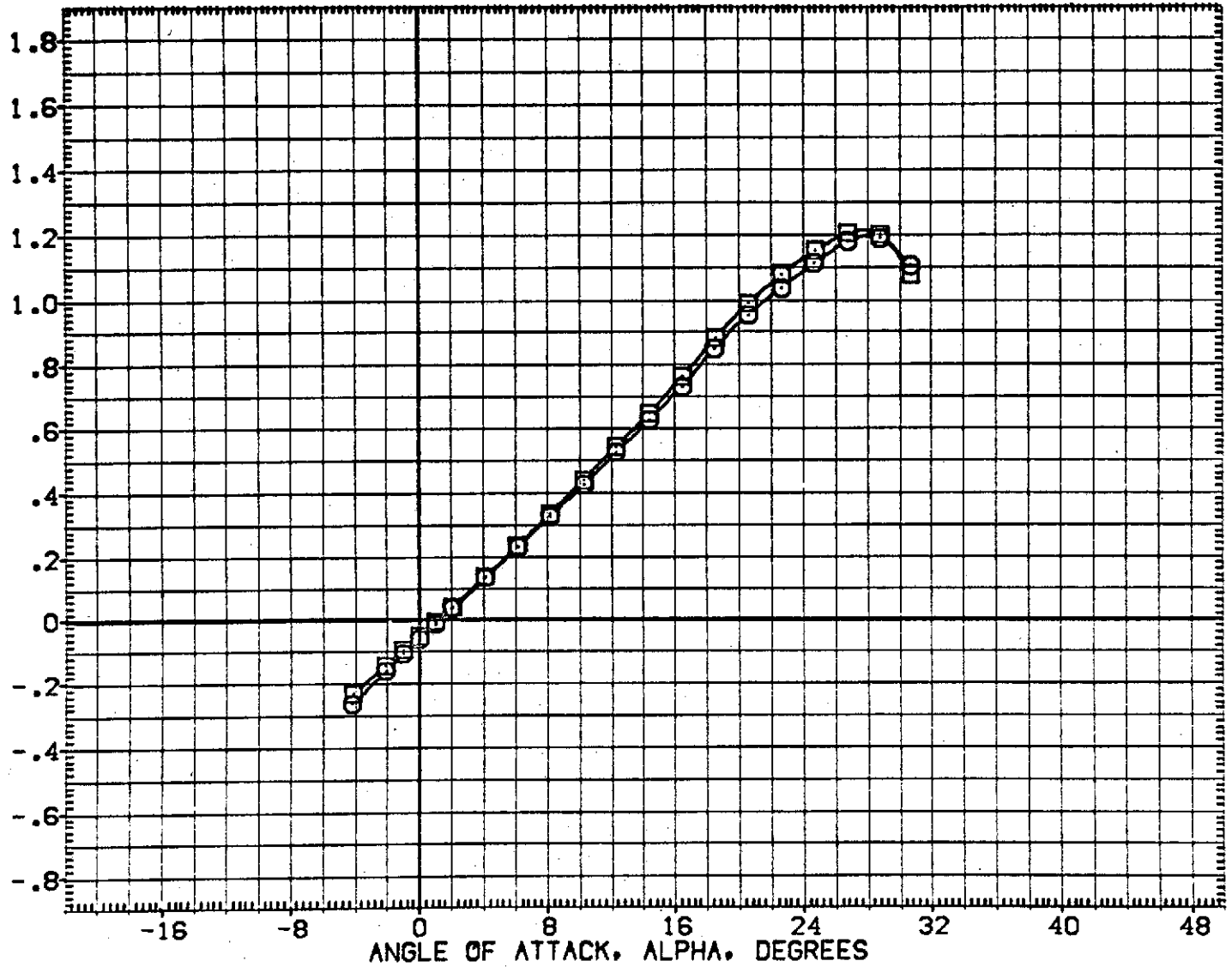


FIG 4 BASIC LONGITUDINAL STABILITY, VERTICAL TAIL ON AND OFF

(A)MACH = .26

DATA SET SYMBOL		CONFIGURATION DESCRIPTION	ELEVON	BOFLAP	SPOBRK	RUDDER
[CF2006]	○	0A37 B26 C9 F9 M7 V116E37V8 R5	.000	-12.000	25.000	.000
[CF2108]	□	0A37 B26 C9 F9 M7 V116E37	.000	-12.000		

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.8000	INCHES
BREF	936.8000	INCHES
XMRP	1076.7000	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0300	SCALE

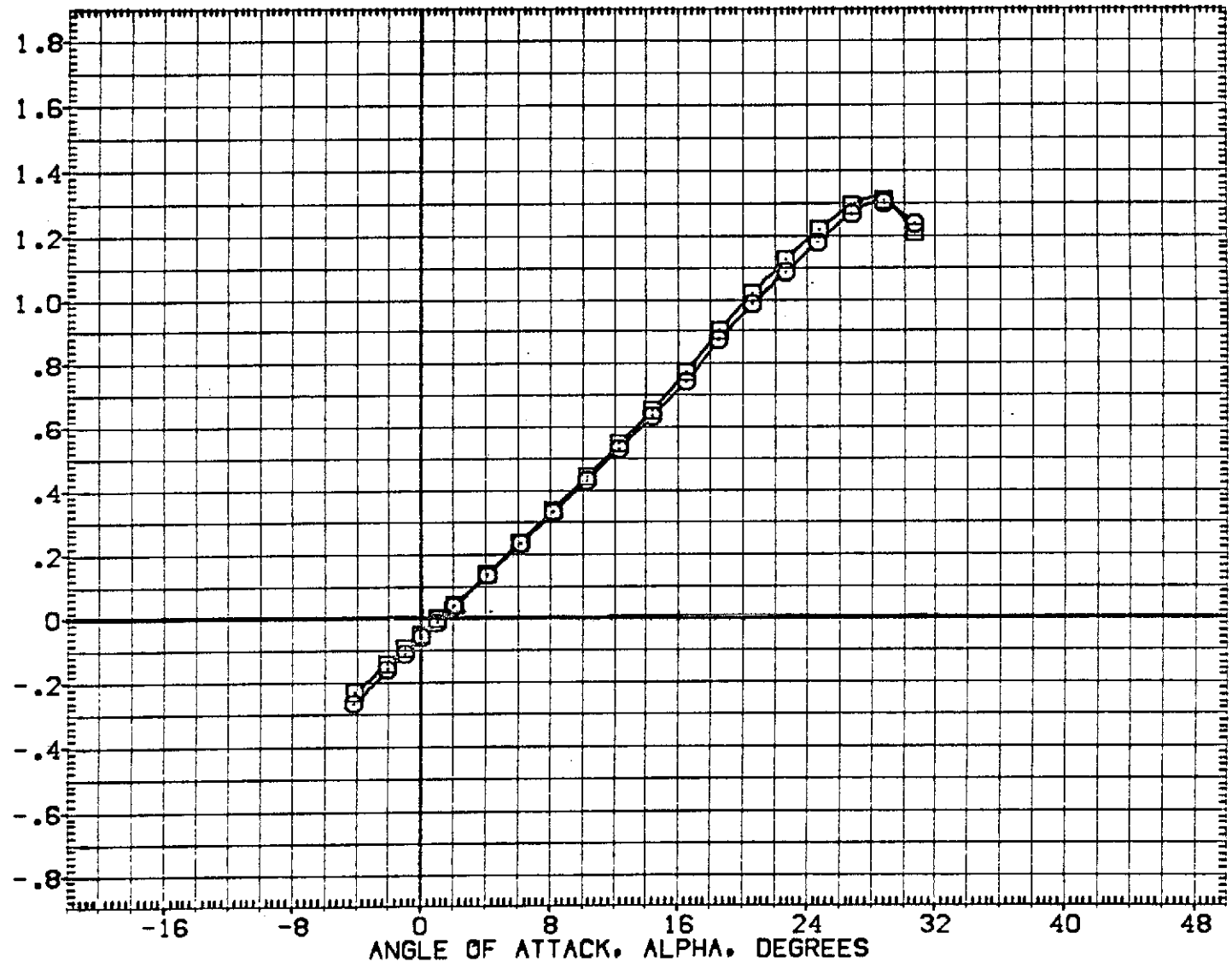


FIG 4 BASIC LONGITUDINAL STABILITY, VERTICAL TAIL ON AND OFF

[A]MACH = .26

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELEVON	BDFLAP	SPDBRK	RUDDER
[CF2008]	0A37 B26 C9 F9 H7 V11E37V8 R5	.000	-12.000	25.000	.000
[CF2108]	0A37 B26 C9 F9 H7 V11E37	.000	-12.000		

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.8000	INCHES
BREF	936.8000	INCHES
XMRP	1076.7000	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0300	SCALE

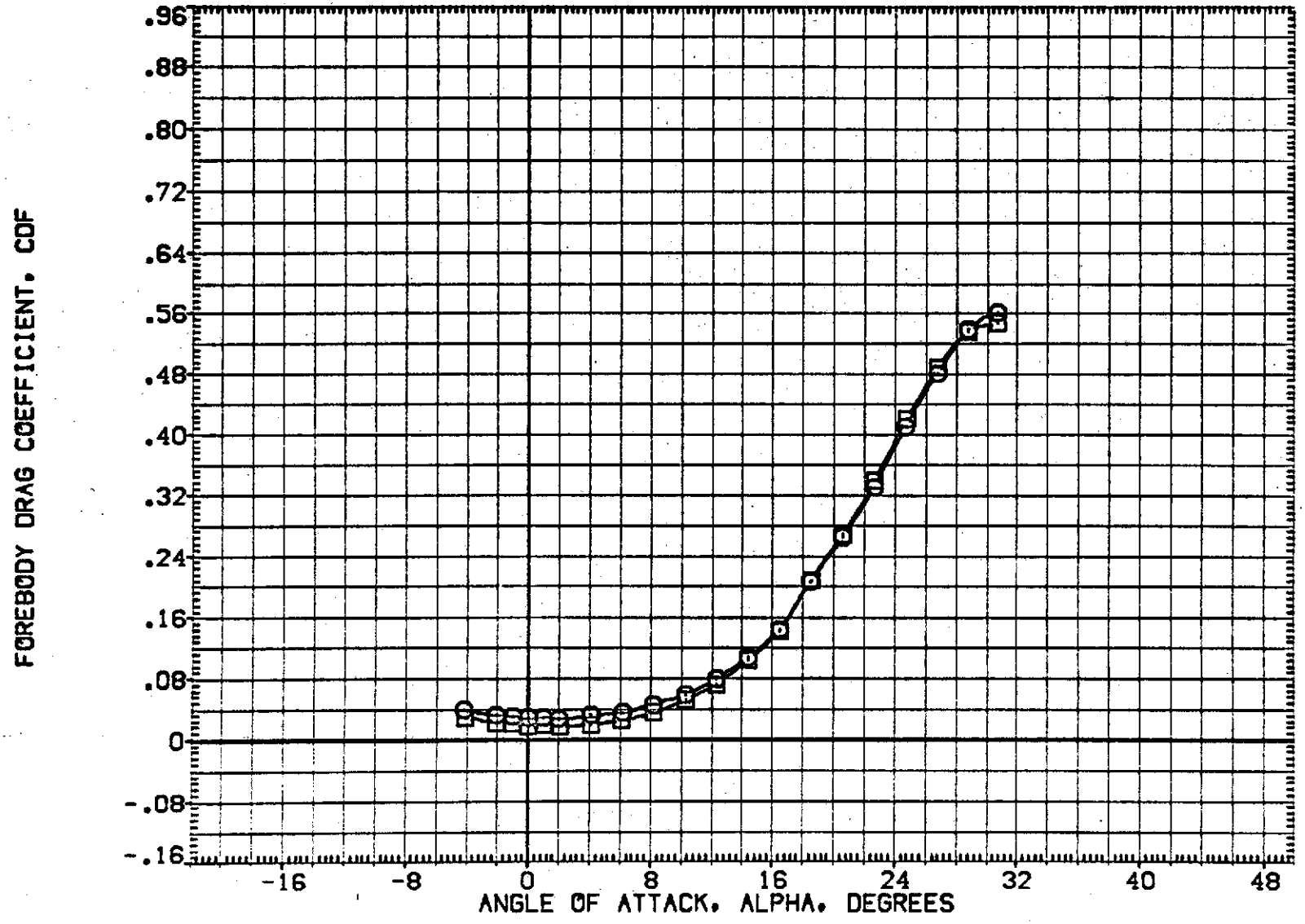


FIG 4 BASIC LONGITUDINAL STABILITY, VERTICAL TAIL ON AND OFF

(A)MACH = .26

DATA SET SYMBOL		CONFIGURATION DESCRIPTION	ELEVON	BOFLAP	SPOBRK	RUDDER
(CF2006)	○	0A37 B26 C9 F9 M7 V116E37V8 R5	.000	-12.000	25.000	.000
(CF2108)	□	0A37 B26 C9 F9 M7 V116E37	.000	-12.000		

REFERENCE INFORMATION		
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LREF	474.8000	INCHES
BREF	936.8000	INCHES
XMRP	1076.7000	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0300	SCALE

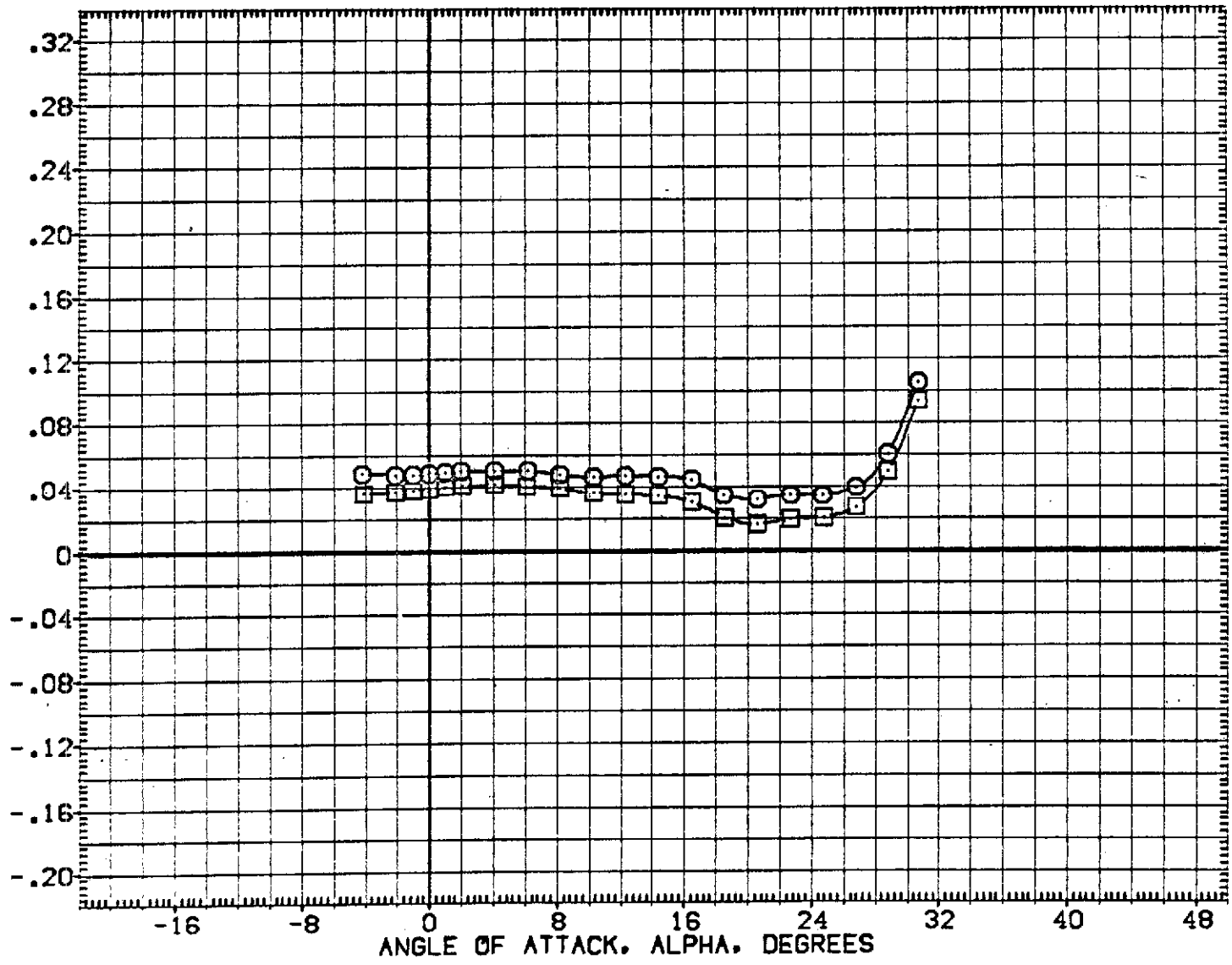


FIG 4 BASIC LONGITUDINAL STABILITY, VERTICAL TAIL ON AND OFF

(A)MACH = .26

DATA SET SYMBOL	CONFIGURATION DESCRIPTION
(CF2006) ○	9A37 B26 C9 F9 H7 V116E37V8 R5
(CF2108) □	9A37 B26 C9 F9 H7 V116E37

ELEVON	BOFLAP	SPOBRK	RUDDER
.000	-12.000	25.000	.000
.000	-12.000		

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.6000	INCHES
BREF	936.6000	INCHES
XMRP	1076.7000	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0300	SCALE

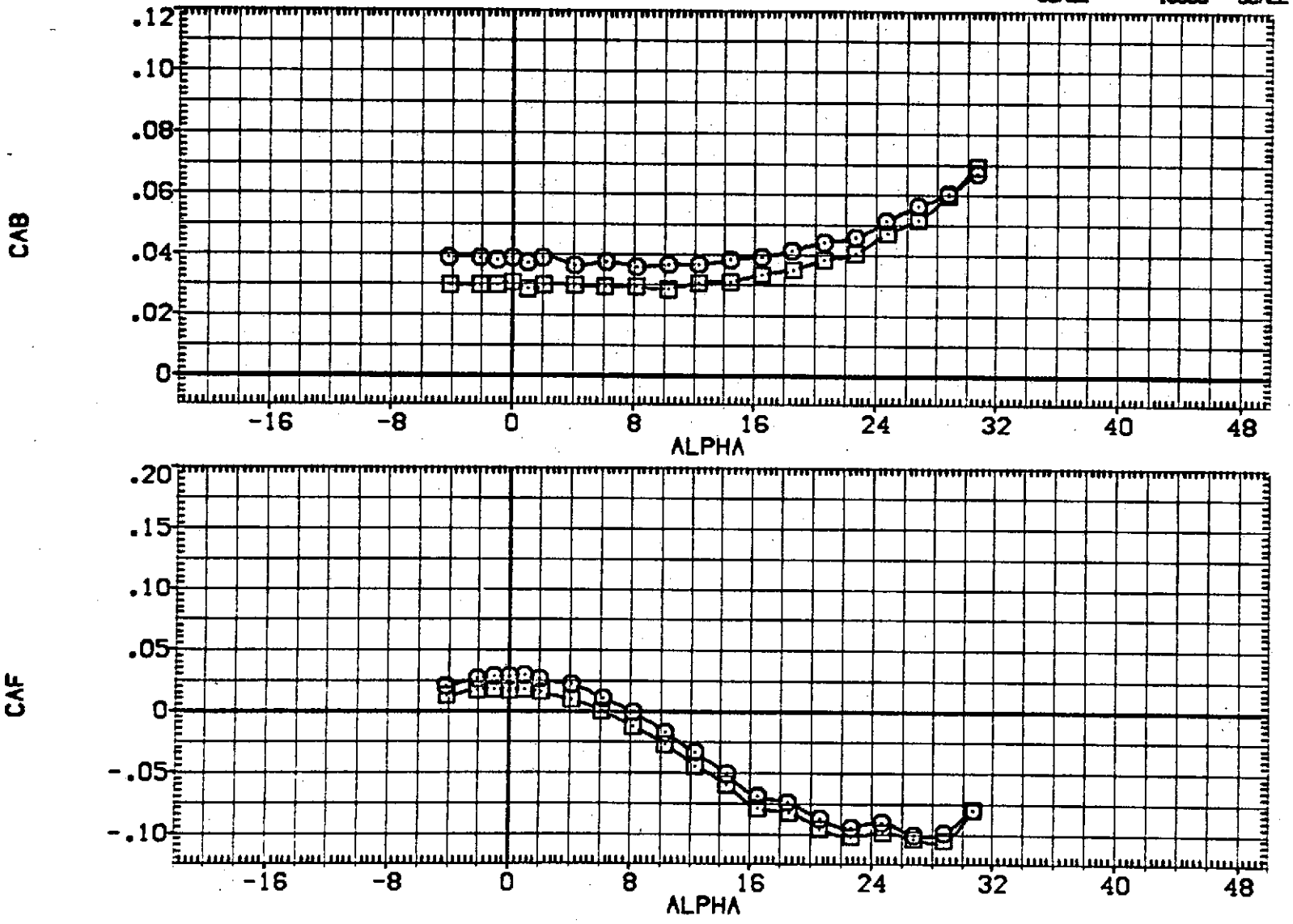


FIG 4 BASIC LONGITUDINAL STABILITY, VERTICAL TAIL ON AND OFF

(A)MACH = .26

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELEVON	BDFLAP	SPOBRK	RUDDER
(CF2006) ○	0A37 B26 C9 F9 H7 V116E37V8 R5	.000	-12.000	25.000	.000
(CF2108) □	0A37 B26 C9 F9 H7 V116E37	.000	-12.000		

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.8000	INCHES
BREF	936.8000	INCHES
XMRP	1076.7000	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0300	SCALE

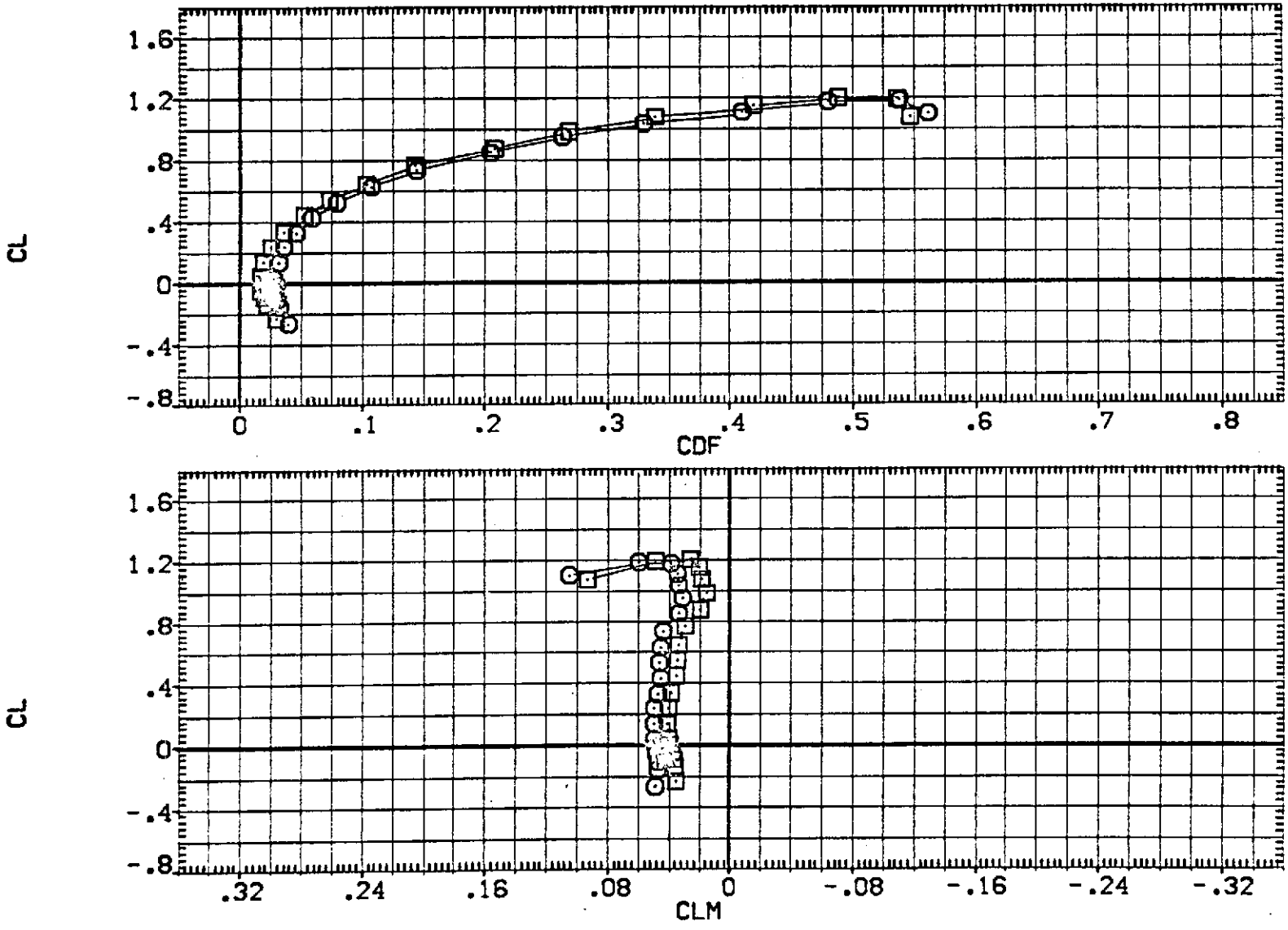


FIG 4 BASIC LONGITUDINAL STABILITY, VERTICAL TAIL ON AND OFF

(A)MACH = .26

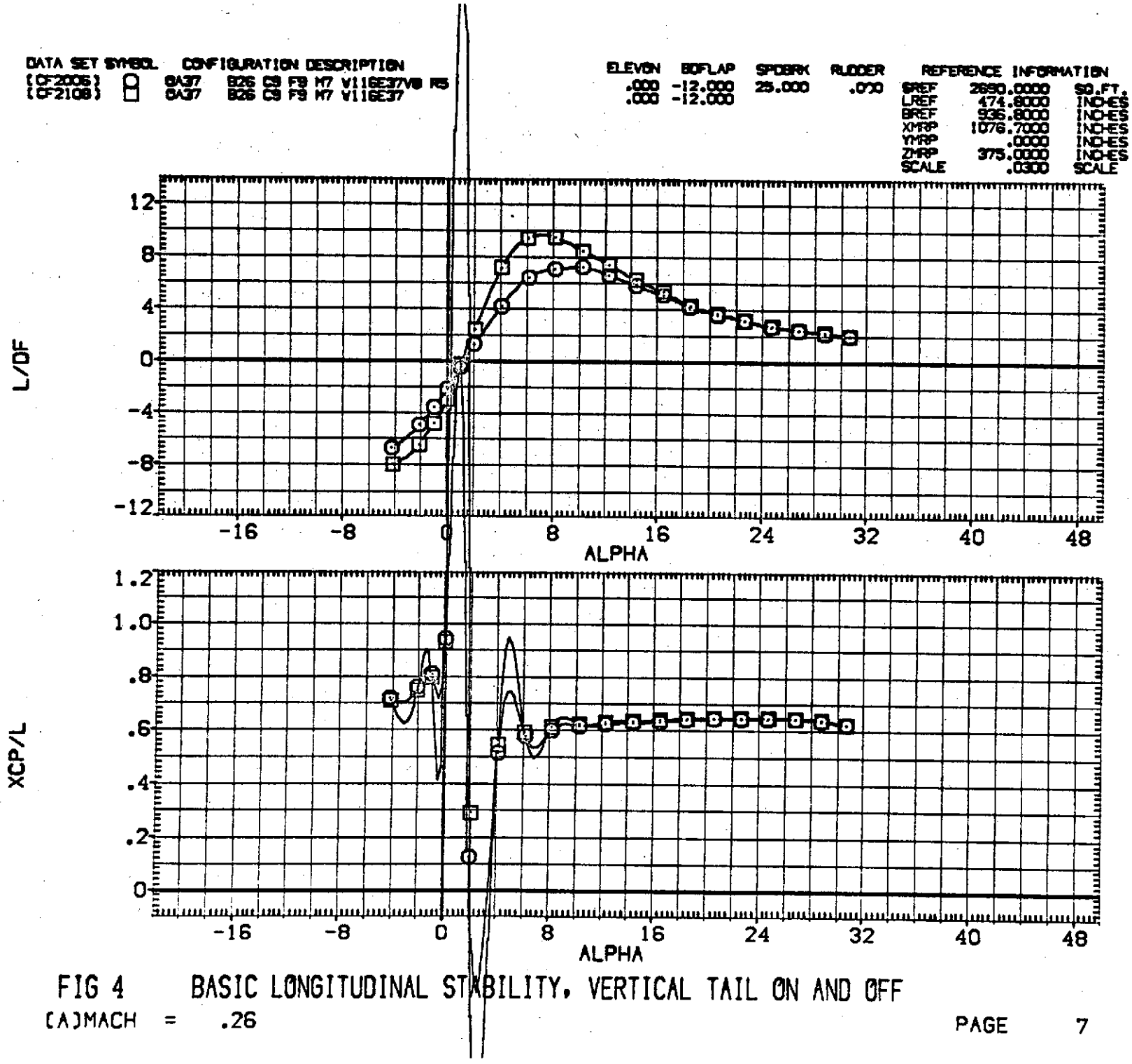


FIG 4 BASIC LONGITUDINAL STABILITY, VERTICAL TAIL ON AND OFF

(A)MACH = .26

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
[RF2002]	○	BA37 B26 C9 F9 M7 V11GE37V8 R5
[RF2003]	□	BA37 B26 C9 F9 M7 V11GE37V8 R5
[RF2004]	⊠	BA37 B26 C9 F9 M7 V11GE37V8 R5
[RF2005]	△	BA37 B26 C9 F9 M7 V11GE37V8 R5

ALPHA	SPOBRK	RUDDER	BOFLAP
.000	25.000	.000	-12.000
10.000	25.000	.000	-12.000
15.000	25.000	.000	-12.000
20.000	25.000	.000	-12.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.8000	INCHES
BREF	936.8000	INCHES
XMRP	1076.7000	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0300	SCALE

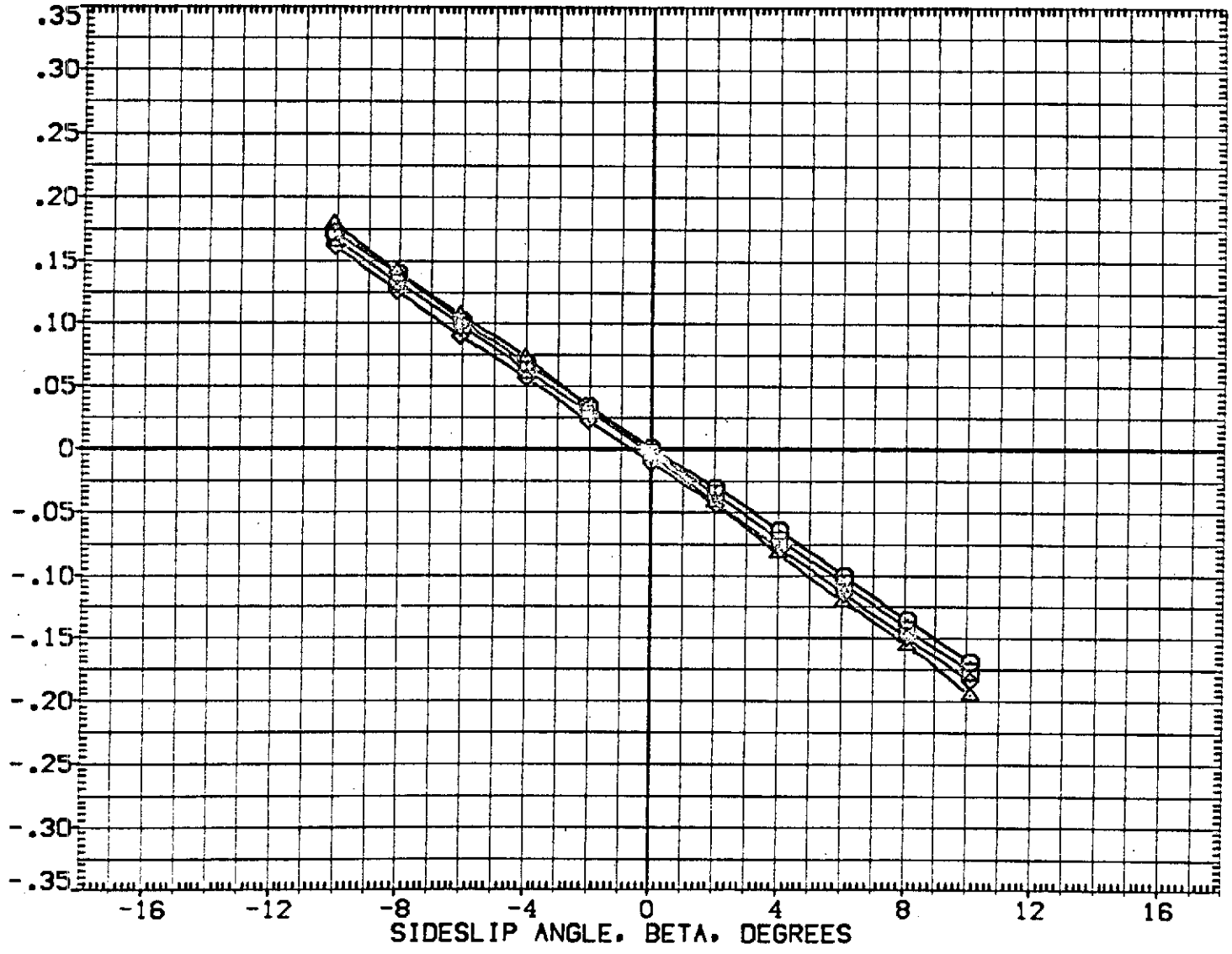


FIG 5 LATERAL DIRECTIONAL STABILITY, TAIL ON

(A)MACH = .26

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(RF2002)	○	GA37 B26 C9 F9 H7 V11GE37V8 R5
(RF2003)	□	GA37 B26 C9 F9 H7 V11GE37V8 R5
(RF2004)	⊠	GA37 B26 C9 F9 H7 V11GE37V8 R5
(RF2005)	△	GA37 B26 C9 F9 H7 V11GE37V8 R5

ALPHA	SPDBRK	RUDDER	BDFLAP
.000	25.000	.000	-12.000
10.000	25.000	.000	-12.000
15.000	25.000	.000	-12.000
20.000	25.000	.000	-12.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.8000	INCHES
BREF	936.8000	INCHES
XMRP	1076.7000	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0300	SCALE

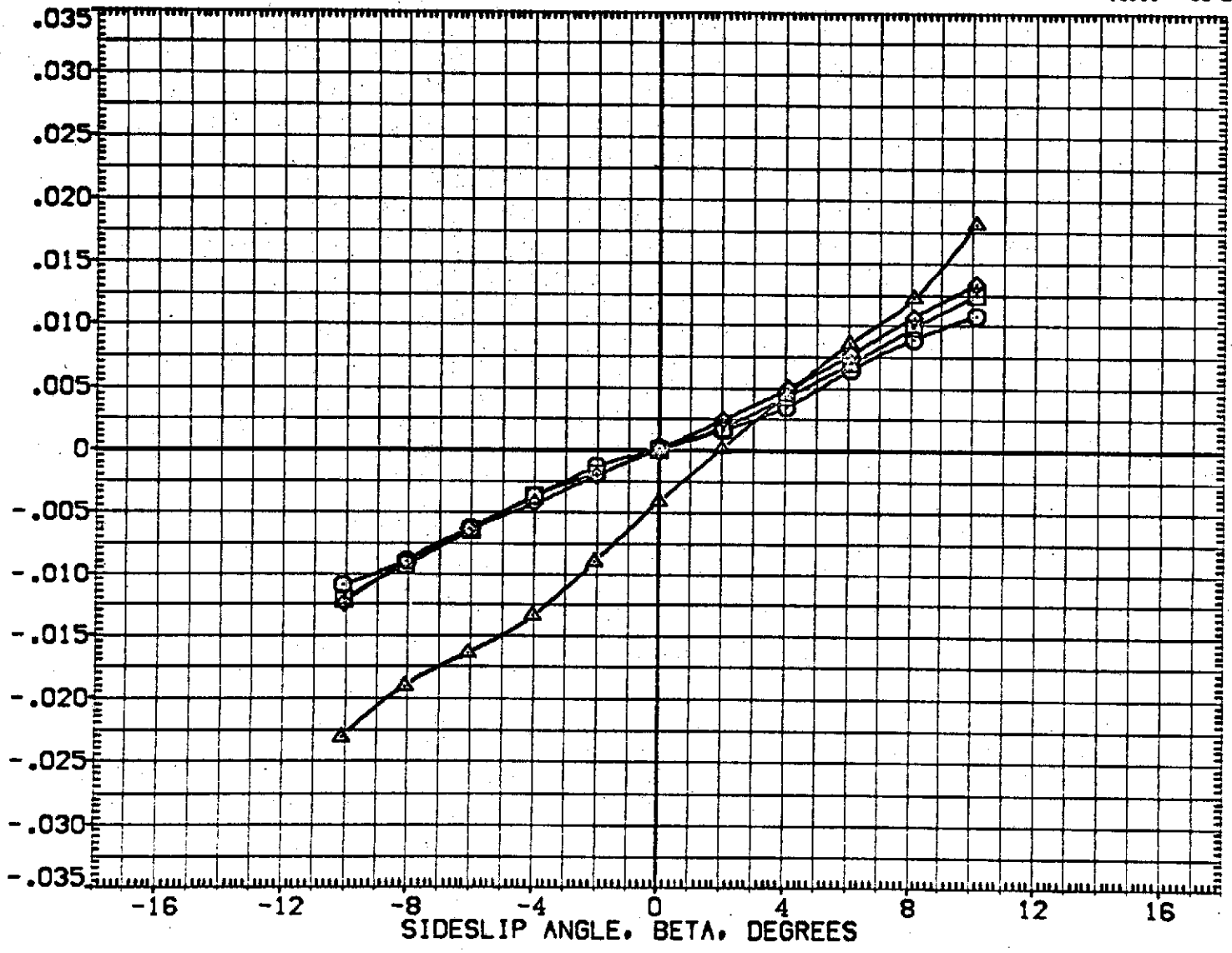


FIG 5 LATERAL DIRECTIONAL STABILITY, TAIL ON

(A)MACH = .26

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ALPHA	SPDBRK	RUDDER	BDFLAP
(RF2002)	○	0A37 B26 C9 F9 M7 V116E37V8 R5	.000	25.000	.000	-12.000
(RF2003)	□	0A37 B26 C9 F9 M7 V116E37V8 R5	10.000	25.000	.000	-12.000
(RF2004)	◇	0A37 B26 C9 F9 M7 V116E37V8 R5	15.000	25.000	.000	-12.000
(RF2005)	△	0A37 B26 C9 F9 M7 V116E37V8 R5	20.000	25.000	.000	-12.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.8000	INCHES
BREF	936.8000	INCHES
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YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0300	SCALE

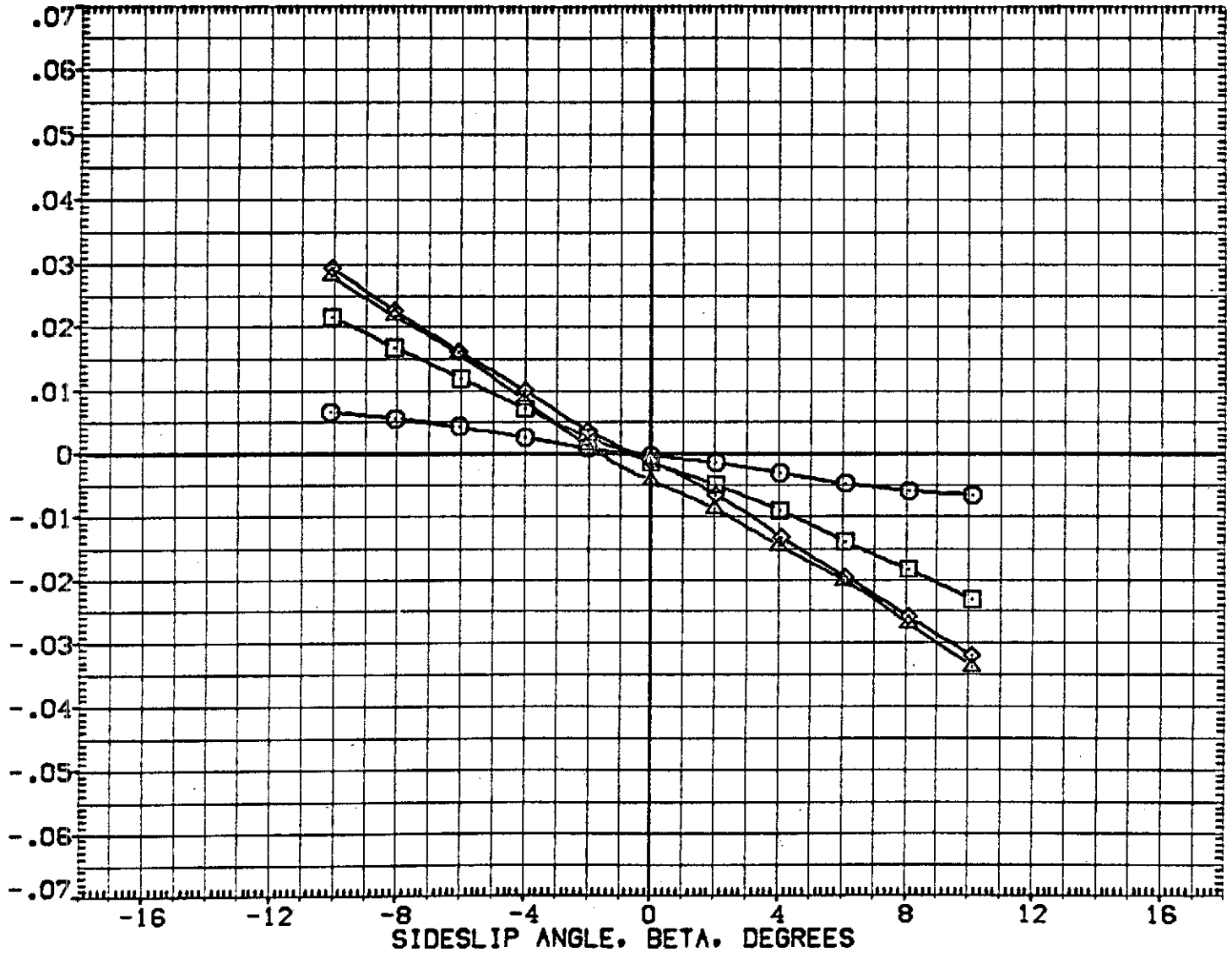


FIG 5 LATERAL DIRECTIONAL STABILITY, TAIL ON

(A)MACH = .26

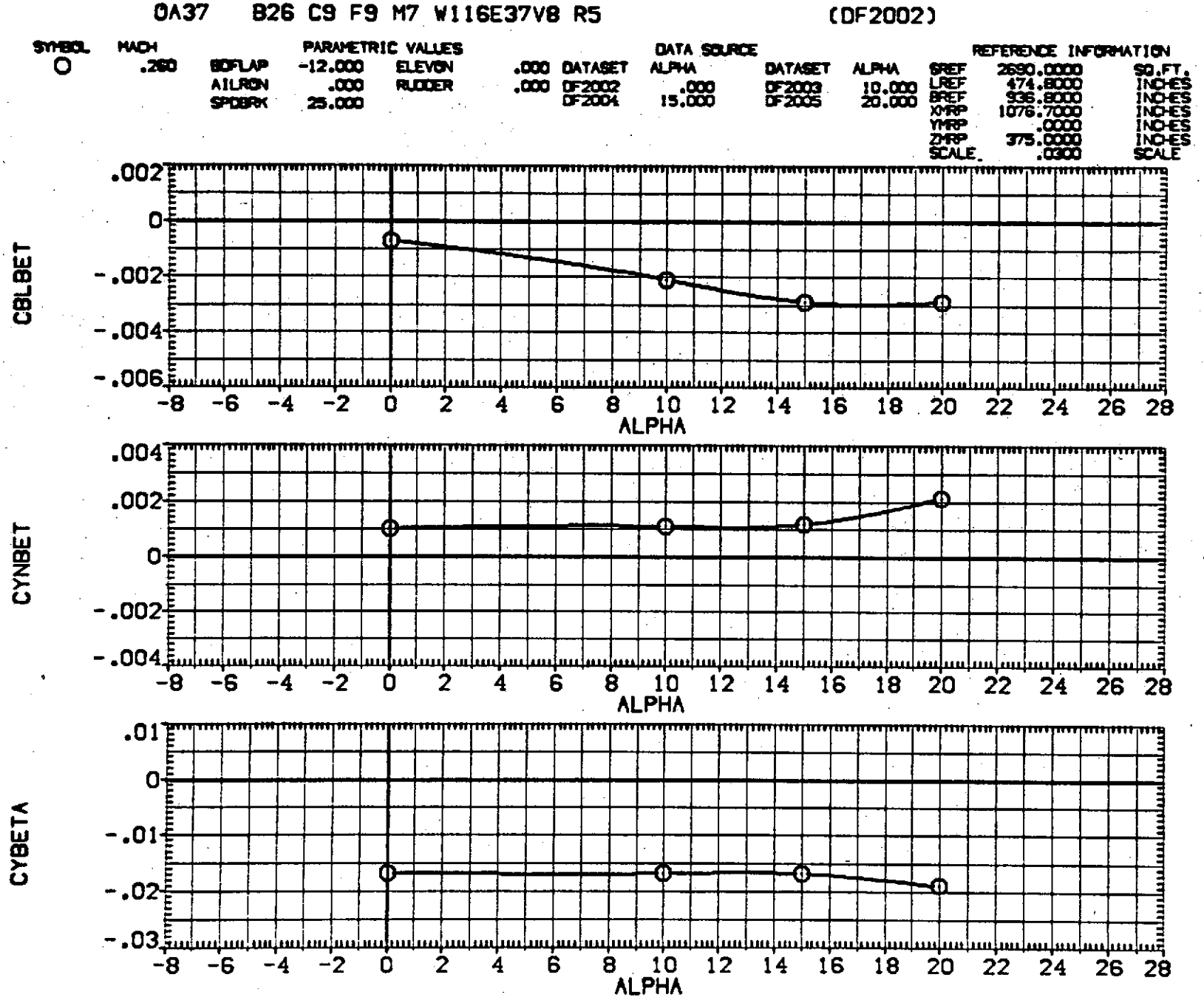


FIG 5 LATERAL DIRECTIONAL STABILITY, TAIL ON

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(AF2002)	○	BA37 B26 C9 F9 H7 W116 E37 V8 R5
(AF2003)	□	BA37 B26 C9 F9 H7 W116 E37 V8 R5
(AF2004)	◇	BA37 B26 C9 F9 H7 W116 E37 V8 R5
(AF2005)	△	BA37 B26 C9 F9 H7 W116 E37 V8 R5

ALPHA	SPDBRK	RUDDER	BOFLAP
.000	25.000	.000	-11.700
10.000	25.000	.000	-11.700
15.000	25.000	.000	-11.700
20.000	25.000	.000	-11.700

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.8000	INCHES
BREF	936.0000	INCHES
XMRP	1076.7000	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0300	

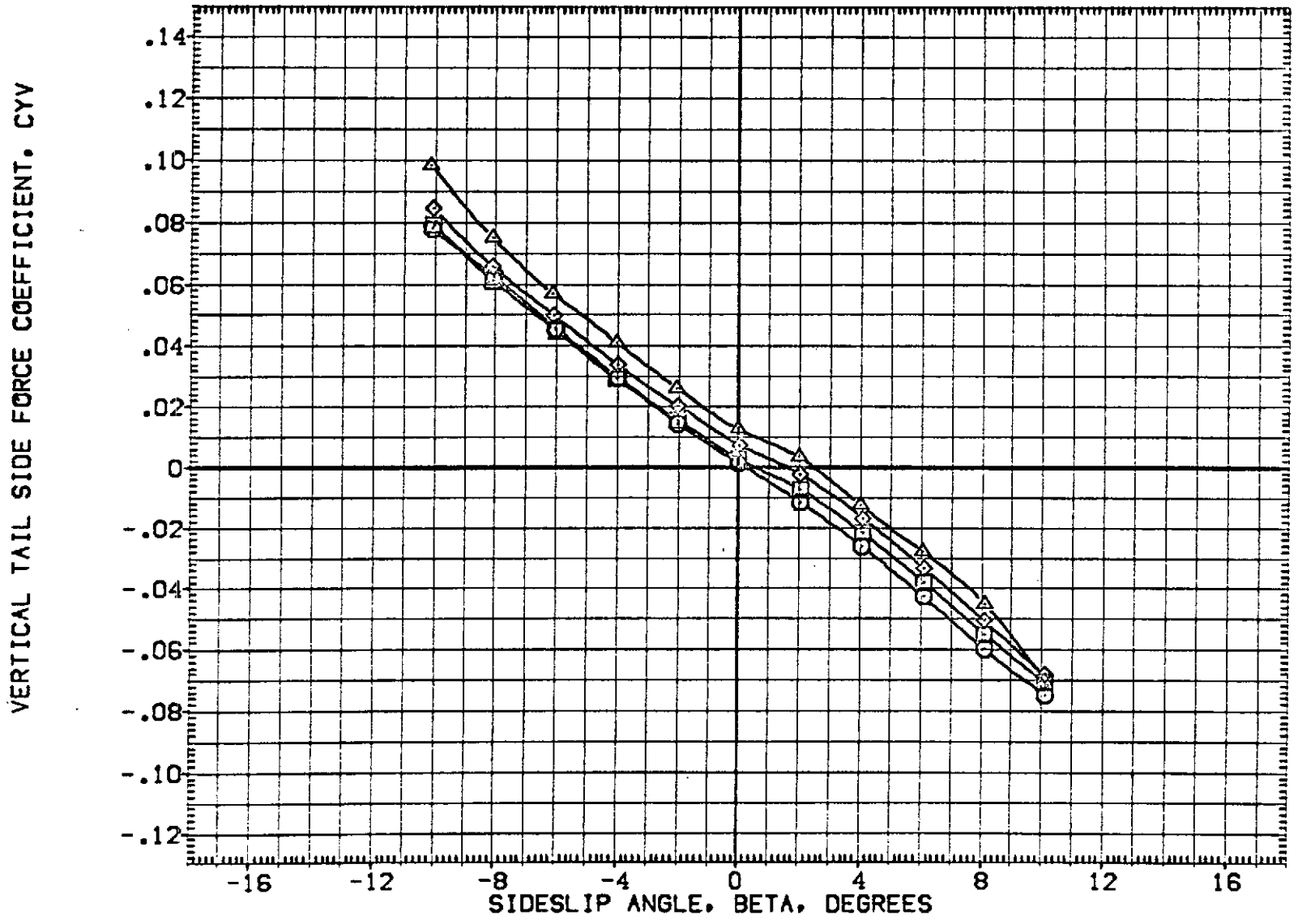


FIG 5 LATERAL DIRECTIONAL STABILITY, TAIL ON

(A)MACH = .26

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(AF2002)	○	BA37 B26 C9 F9 H7 V116 E37 V8 R5
(AF2003)	□	BA37 B26 C9 F9 H7 V116 E37 V8 R5
(AF2004)	◇	BA37 B26 C9 F9 H7 V116 E37 V8 R5
(AF2005)	△	BA37 B26 C9 F9 H7 V116 E37 V8 R5

ALPHA	SPDBRK	RUDDER	BDFLAP
.000	25.000	.000	-11.700
10.000	25.000	.000	-11.700
15.000	25.000	.000	-11.700
20.000	25.000	.000	-11.700

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.8000	INCHES
BREF	936.8000	INCHES
XMRP	1076.7000	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0300	

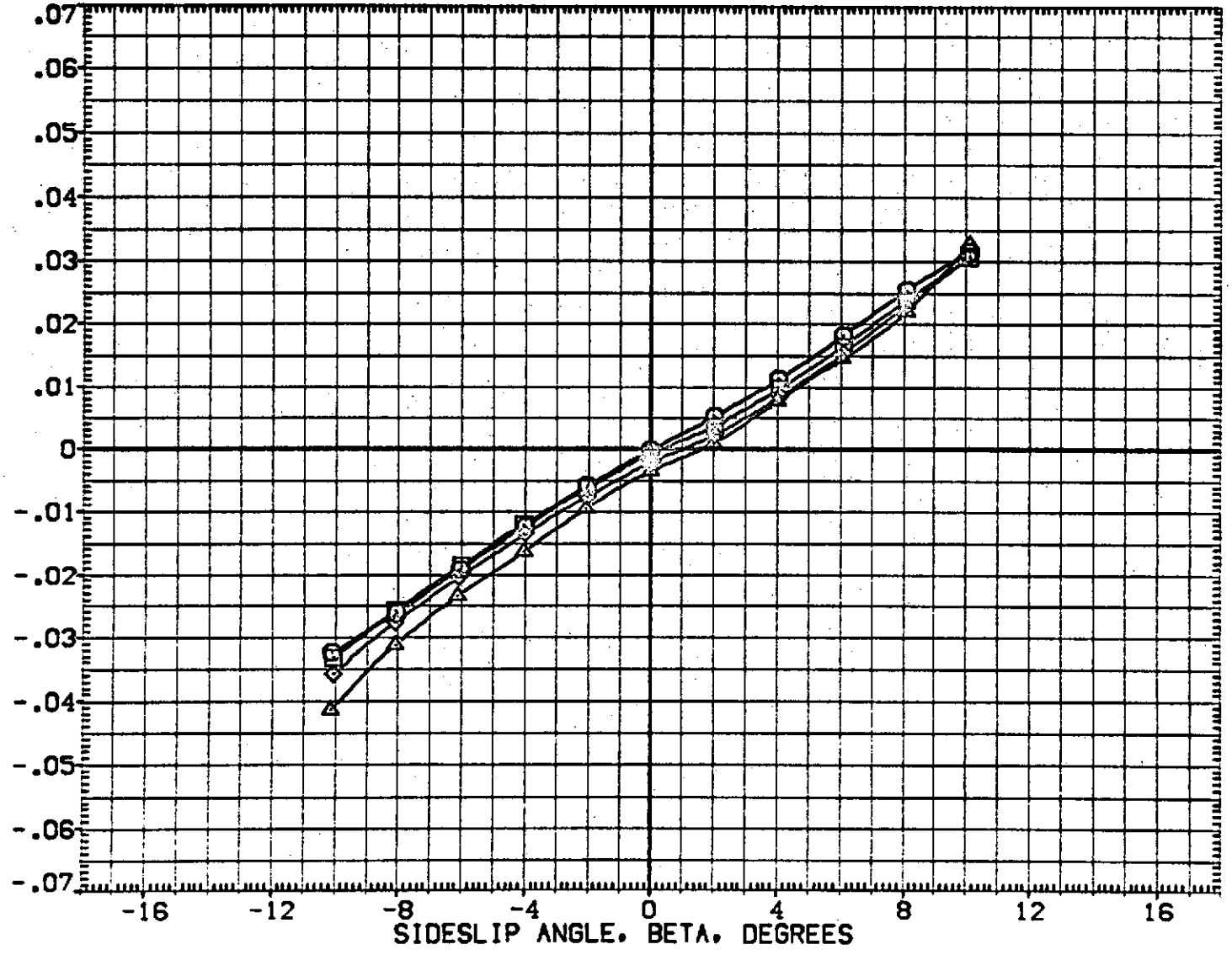


FIG 5 LATERAL DIRECTIONAL STABILITY, TAIL ON

(A)MACH = .26

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(AF2002)	○	0A37 B26 C9 F9 M7 V116 E37 V8 R5
(AF2003)	□	0A37 B26 C9 F9 M7 V116 E37 V8 R5
(AF2004)	⧖	0A37 B26 C9 F9 M7 V116 E37 V8 R5
(AF2005)	⧗	0A37 B26 C9 F9 M7 V116 E37 V8 R5

ALPHA	SPOBRK	RUDDER	BOFLAP
.000	25.000	.000	-11.700
10.000	25.000	.000	-11.700
15.000	25.000	.000	-11.700
20.000	25.000	.000	-11.700

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.8000	INCHES
BREF	936.8000	INCHES
XMRP	1076.7000	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0300	

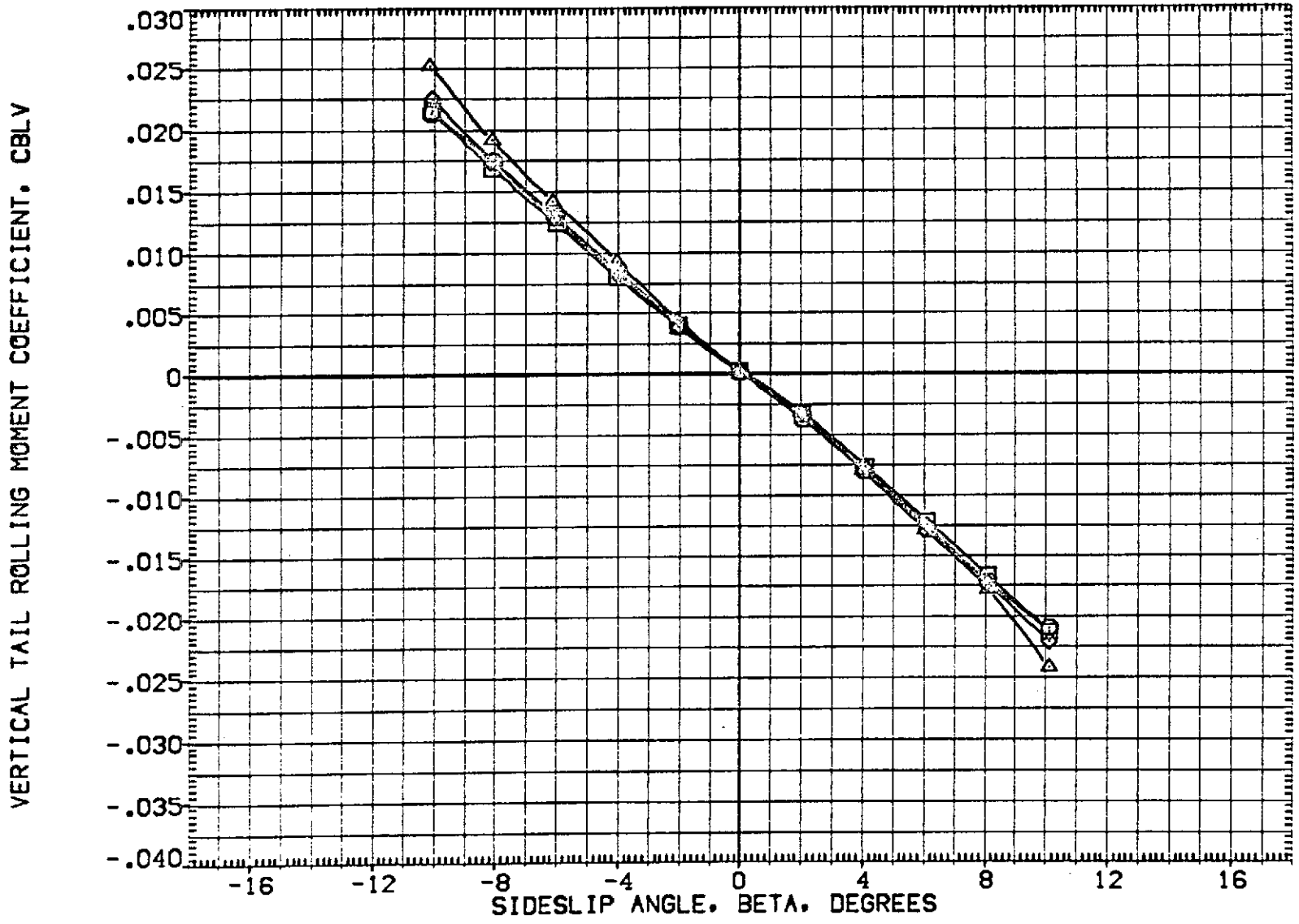


FIG 5 LATERAL DIRECTIONAL STABILITY, TAIL ON

(A)MACH = .26

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(AF2002)	○	BA37 B26 C9 F9 M7 V116 E37 V8 R5
(AF2003)	□	BA37 B26 C9 F9 M7 V116 E37 V8 R5
(AF2004)	◇	BA37 B26 C9 F9 M7 V116 E37 V8 R5
(AF2005)	△	BA37 B26 C9 F9 M7 V116 E37 V8 R5

ALPHA	SPOBRK	RUDDER	BOFLAP
.000	25.000	.000	-11.700
10.000	25.000	.000	-11.700
15.000	25.000	.000	-11.700
20.000	25.000	.000	-11.700

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.8000	INCHES
BREF	936.8000	INCHES
XMRP	1076.7000	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0300	

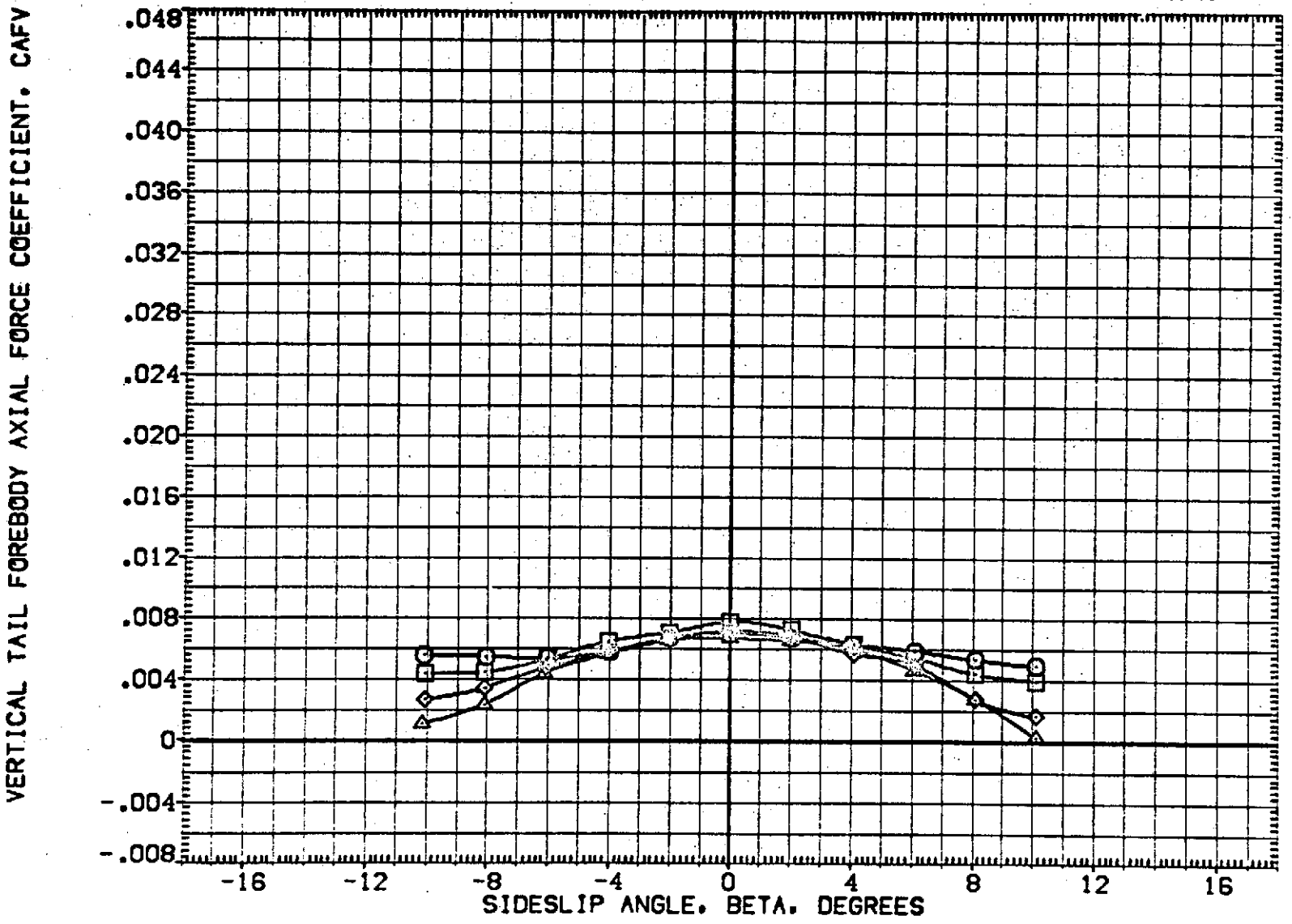


FIG 5 LATERAL DIRECTIONAL STABILITY, TAIL ON

(A)MACH = .26

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(RF2109)	○	0A37 B26 C9 F9 H7 V116E37
(RF2110)	□	0A37 B26 C9 F9 H7 V116E37
(RF2111)	⊠	0A37 B26 C9 F9 H7 V116E37
(RF2112)	△	0A37 B26 C9 F9 H7 V116E37

ALPHA	AILRON	ELEVON	BDFLAP
.000	.000	.000	-12.000
10.000	.000	.000	-12.000
15.000	.000	.000	-12.000
20.000	.000	.000	-12.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.8000	INCHES
BREF	935.9000	INCHES
XMRP	1076.7000	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0300	SCALE

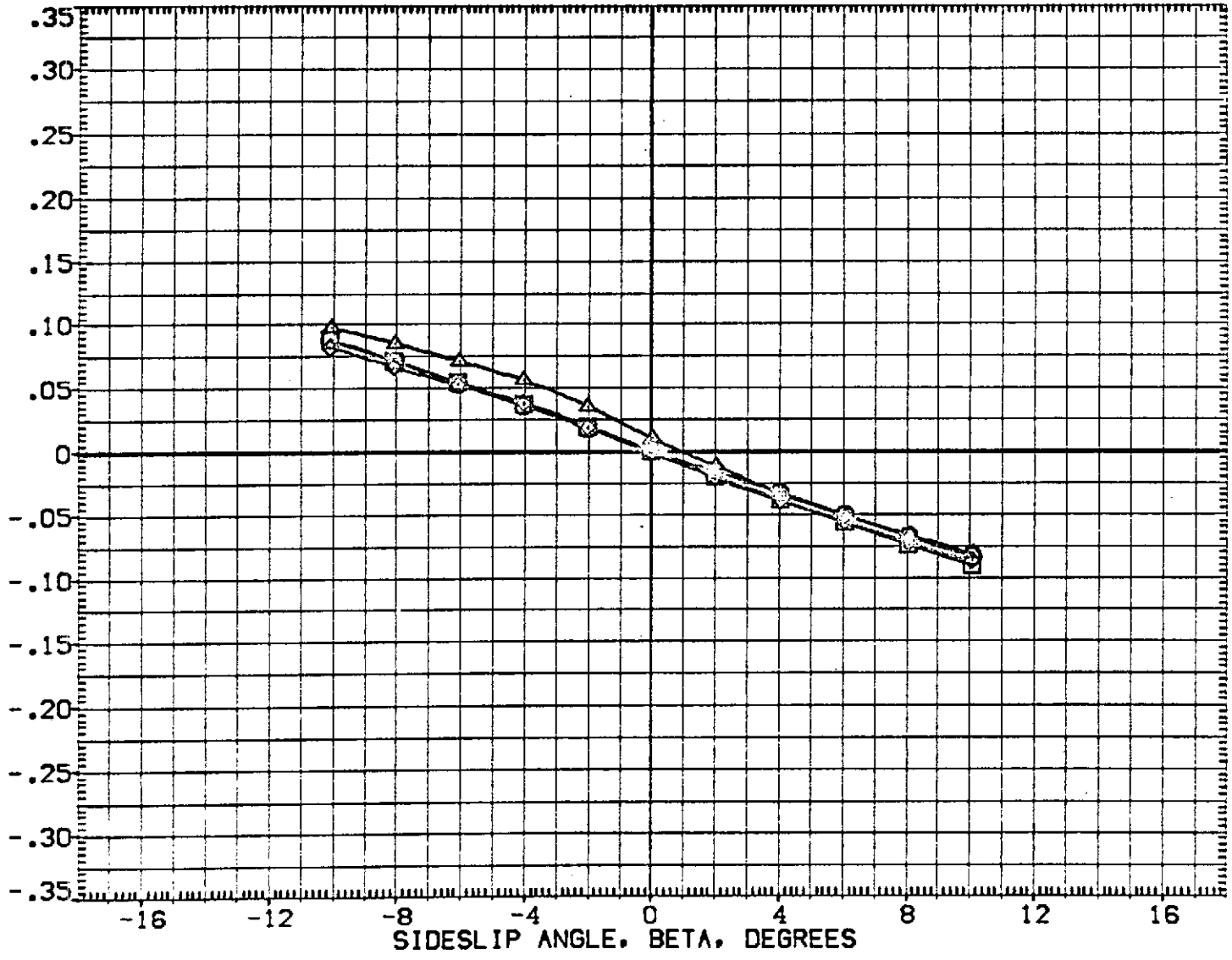


FIG 6 LATERAL DIRECTIONAL STABILITY, TAIL OFF

(A)MACH = .26

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(RF2109)	○	0A37 B26 C9 F9 H7 V11GE37
(RF2110)	□	0A37 B26 C9 F9 H7 V11GE37
(RF2111)	◇	0A37 B26 C9 F9 H7 V11GE37
(RF2112)	△	0A37 B26 C9 F9 H7 V11GE37

ALPHA	AILRON	ELEVON	BDFLAP
.000	.000	.000	-12.000
10.000	.000	.000	-12.000
15.000	.000	.000	-12.000
20.000	.000	.000	-12.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.8000	INCHES
BREF	936.8000	INCHES
XMRP	1076.7000	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0300	SCALE

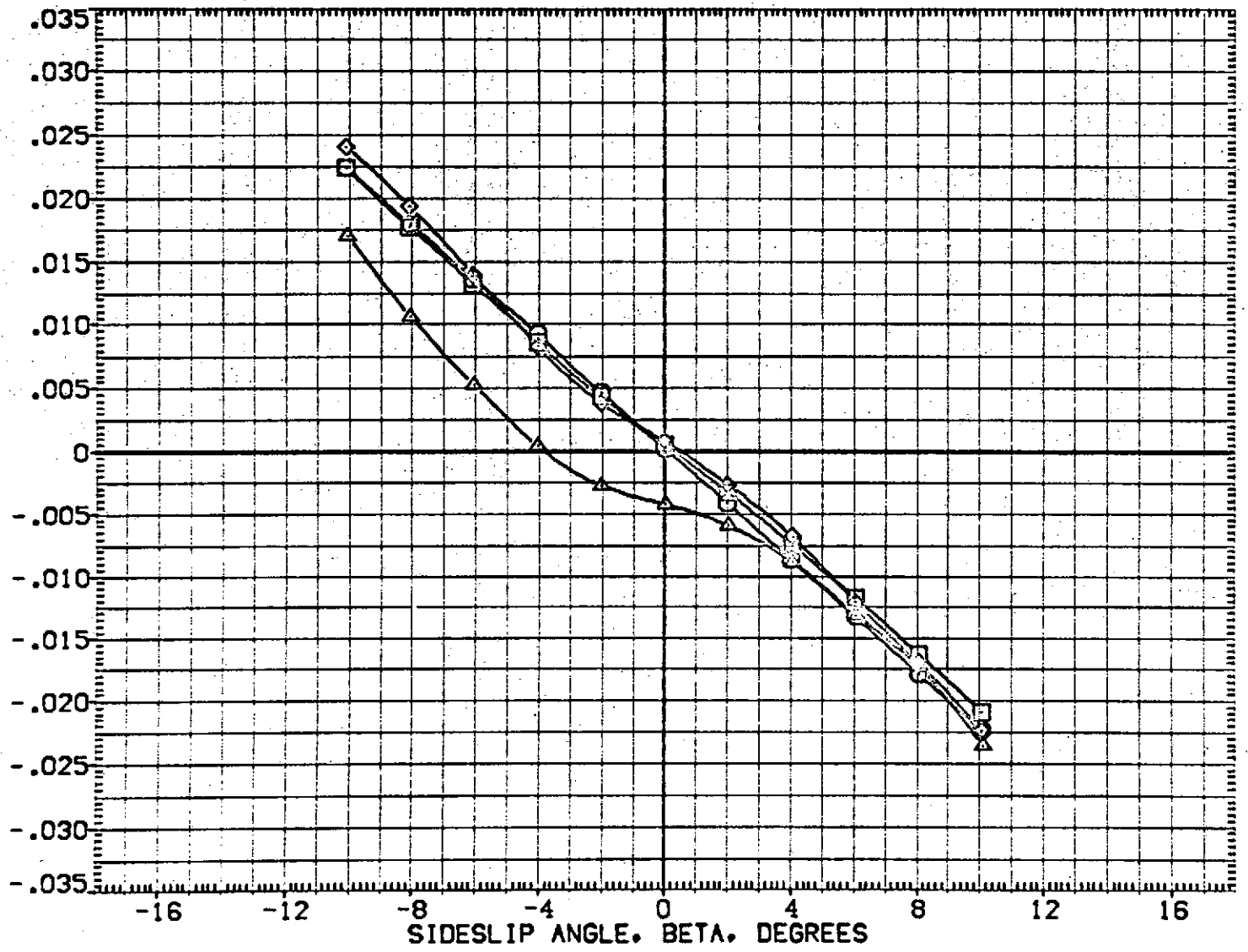


FIG 6 LATERAL DIRECTIONAL STABILITY, TAIL OFF

(A)MACH = .26

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(RF2109)	○	BA37 B26 C9 F9 H7 V116E37
(RF2110)	□	BA37 B26 C9 F9 H7 V116E37
(RF2111)	◇	BA37 B26 C9 F9 H7 V116E37
(RF2112)	△	BA37 B26 C9 F9 H7 V116E37

ALPHA	AILRON	ELEVON	BOFLAP
.000	.000	.000	-12.000
10.000	.000	.000	-12.000
15.000	.000	.000	-12.000
20.000	.000	.000	-12.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.8000	INCHES
BREF	935.8000	INCHES
XMRP	1076.7000	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0300	SCALE

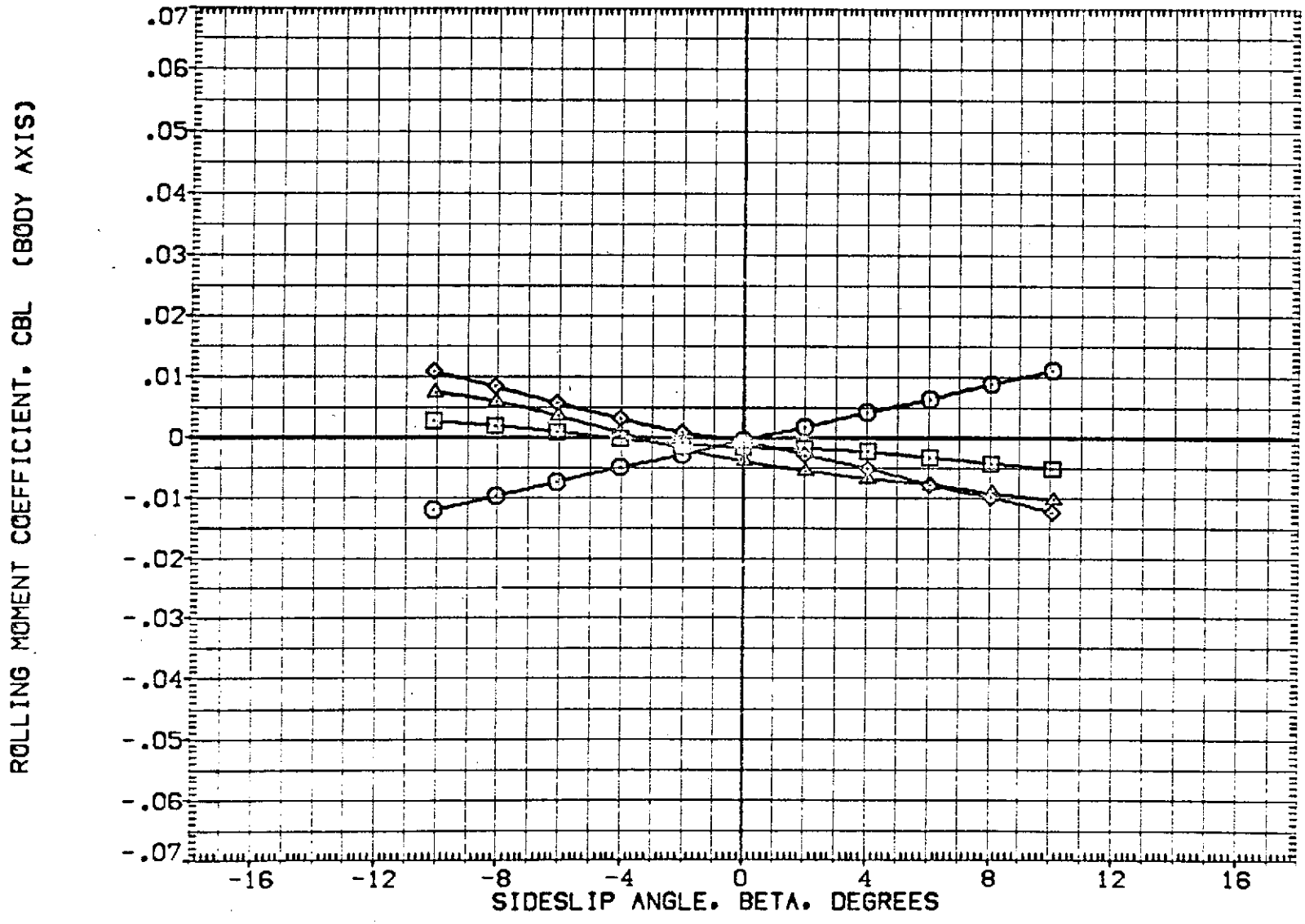


FIG 6 LATERAL DIRECTIONAL STABILITY, TAIL OFF

(A)MACH = .26

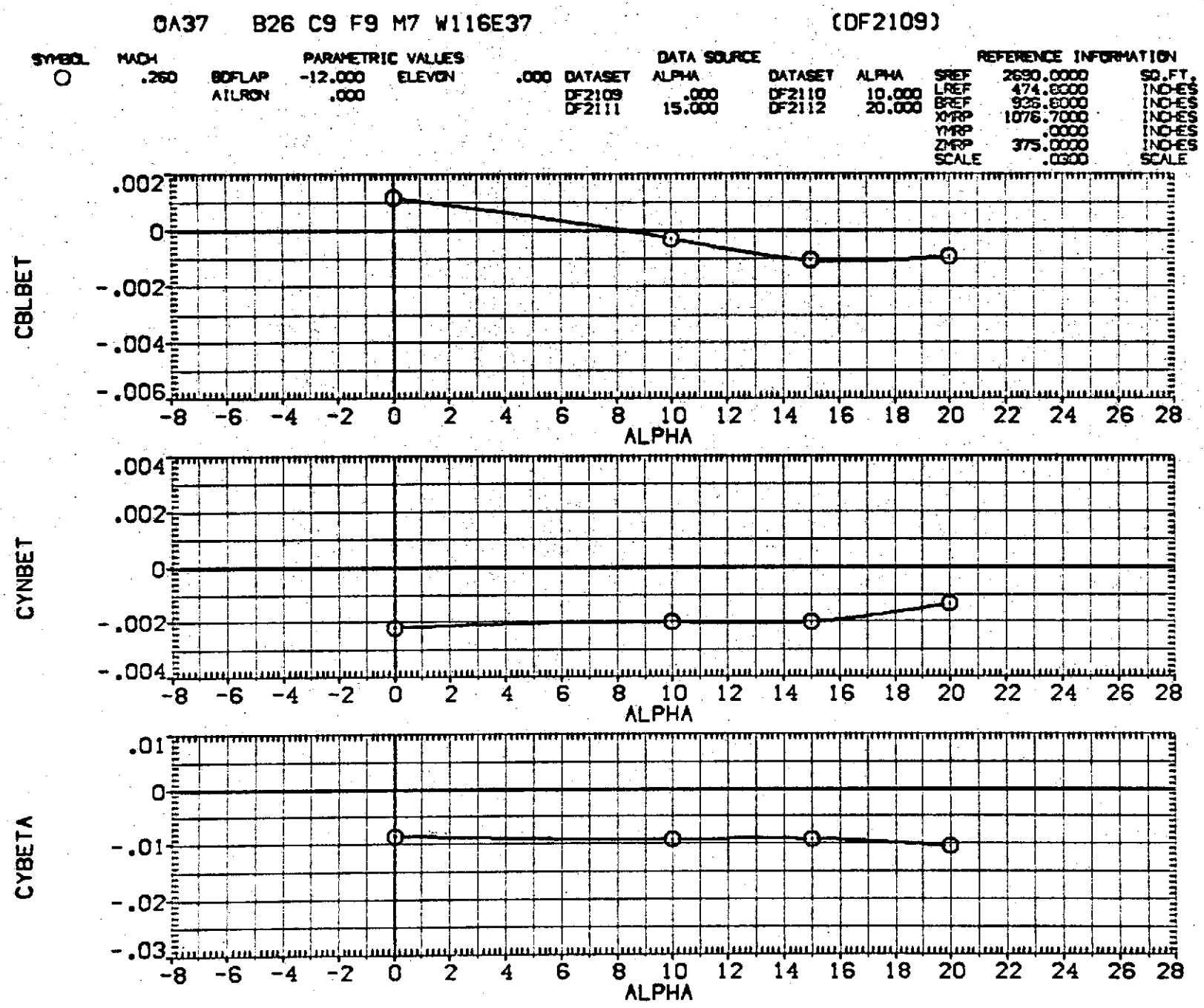


FIG 6 LATERAL DIRECTIONAL STABILITY, TAIL OFF

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(CF2005)	○	0A37 B26 C9 F9 M7 V11EE37V8 R5
(CF2007)	□	0A37 B26 C9 F9 M7 V11EE37V8 R5
(CF2008)	◇	0A37 B26 C9 F9 M7 V11EE37V8 R5

ELEVON	BDFLAP	SPDBRK	RUDDER
.000	-12.000	25.000	.000
.000	.000	25.000	.000
.000	16.000	25.000	.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.6000	INCHES
BREF	935.8000	INCHES
XMRP	1076.7000	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0300	SCALE

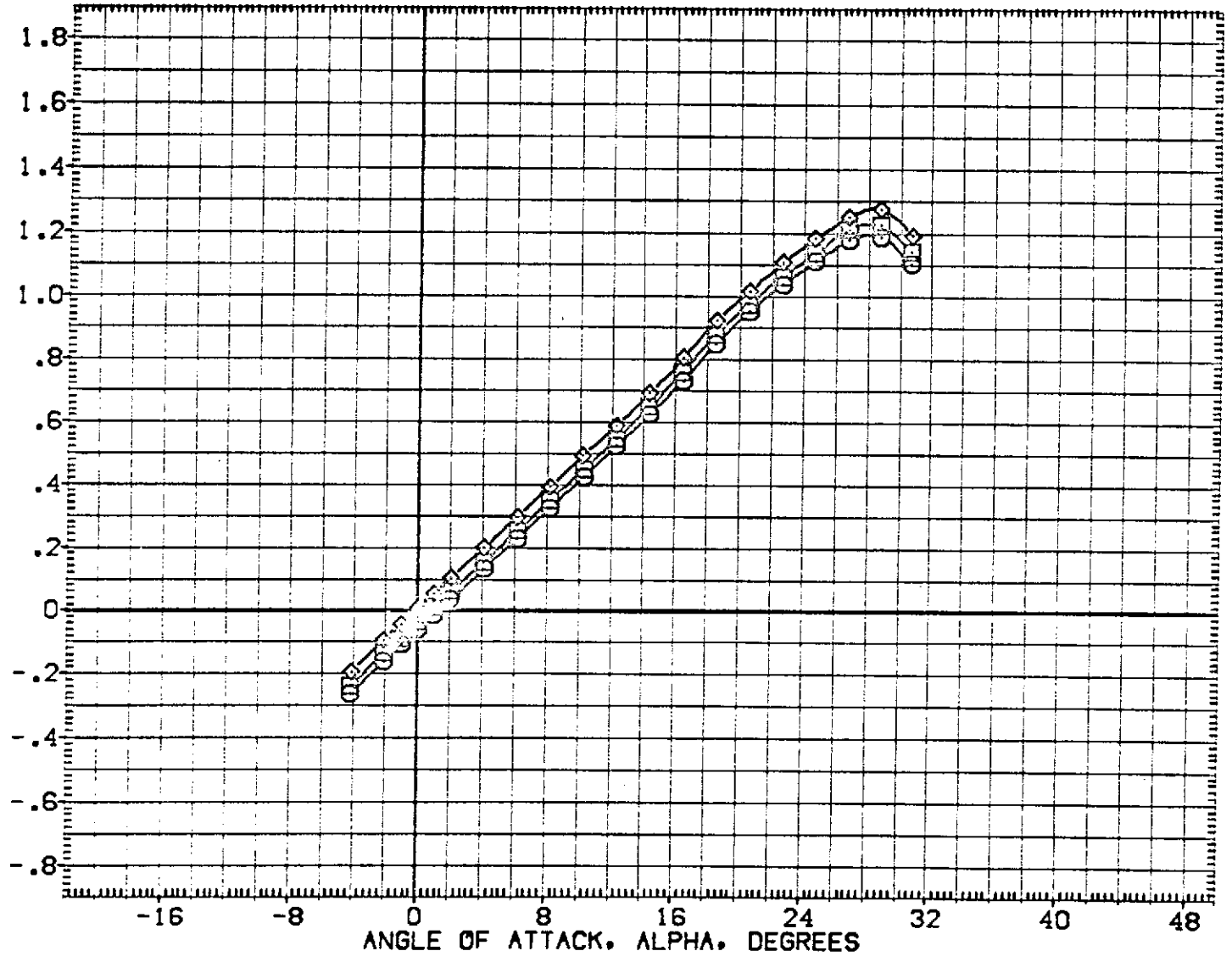


FIG 7 BODY FLAP EFFECTIVENESS

(A)MACH = .26

DATA SET SYMBOL		CONFIGURATION DESCRIPTION
(OF2006)	○	8A37 B26 C9 F9 M7 V11GE37V8 R3
(OF2007)	□	8A37 B26 C9 F9 M7 V11GE37V8 R5
(OF2008)	◇	8A37 B26 C9 F9 M7 V11GE37V8 R5

ELEVON	BDFLAP	SPDBRK	RUDDER
.000	-12.000	25.000	.000
.000	.000	25.000	.000
.000	16.000	25.000	.000

REFERENCE INFORMATION		
SREF	2650.0000	SQ.FT.
LREF	474.8000	INCHES
BREF	936.8000	INCHES
XMRP	1076.7000	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0300	SCALE

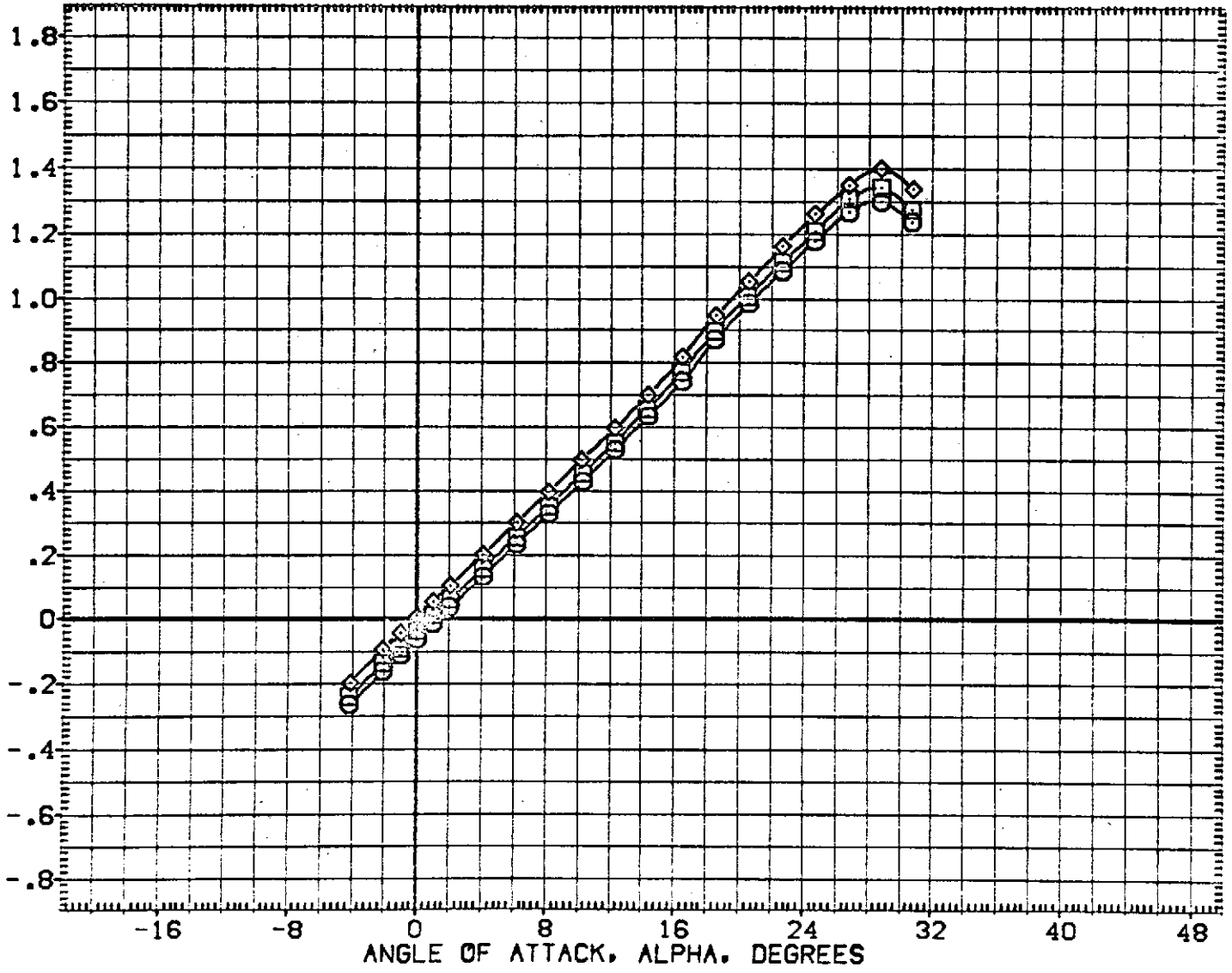


FIG 7 BODY FLAP EFFECTIVENESS

(A)MACH = .26

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ELEVON	BDFLAP	SPDBRK	RUDDER
(CF2006)	○	0A37 B2G C9 F9 M7 V116E37V8 R5	.000	-12.000	25.000	.000
(CF2007)	□	0A37 B2G C9 F9 M7 V116E37V8 R5	.000	.000	25.000	.000
(CF2008)	◇	0A37 B2G C9 F9 M7 V116E37V8 R5	.000	16.000	25.000	.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.6000	INCHES
BREF	936.8000	INCHES
XMRP	1076.7000	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0300	SCALE

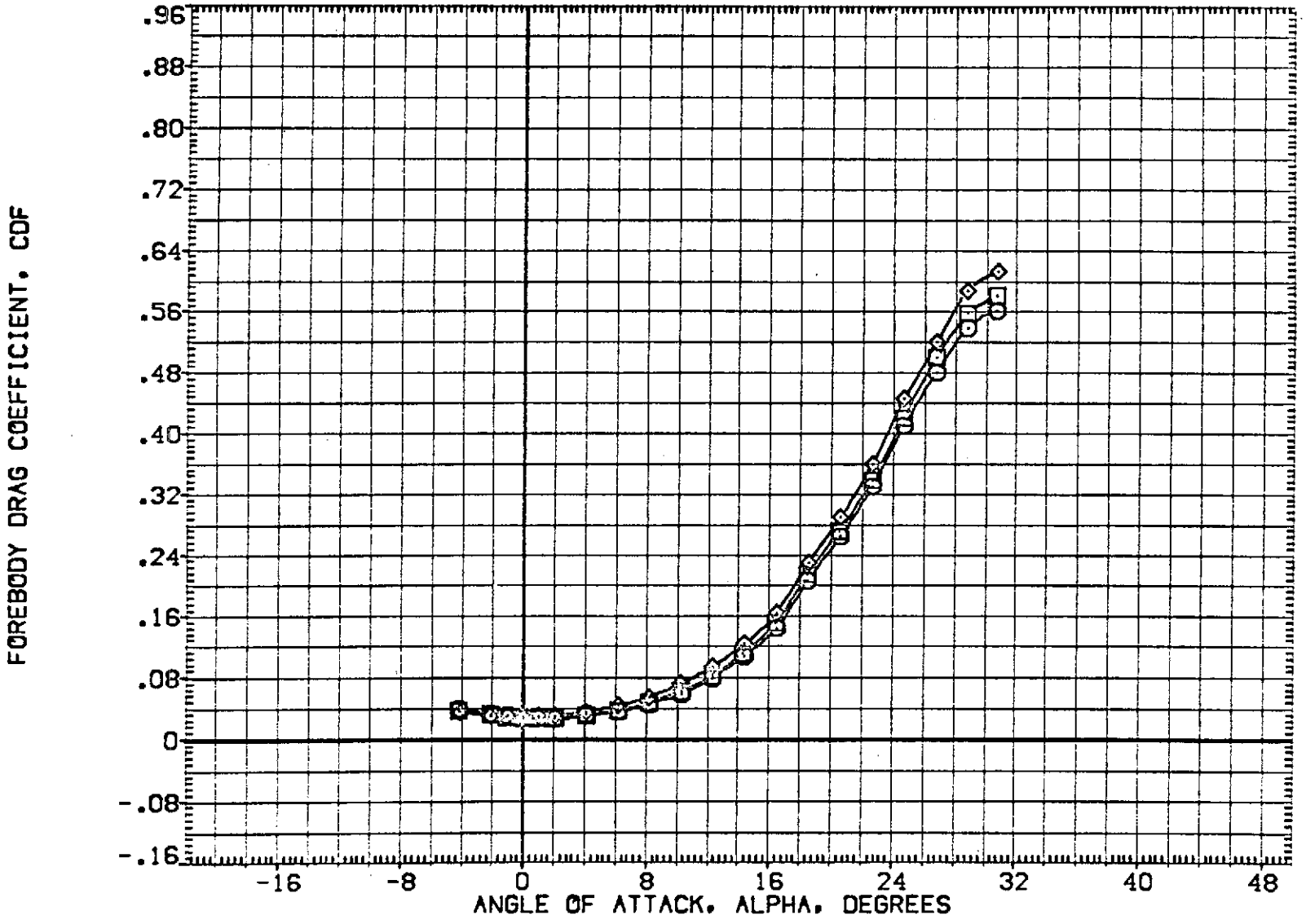


FIG 7 BODY FLAP EFFECTIVENESS

(A)MACH = .26

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ELEVON	BOFLAP	SPOBRK	RUDDER
(CF2006)	○	0A37 B26 C9 F9 M7 V11GE37V8 R5	.000	-12.000	25.000	.000
(CF2007)	□	0A37 B26 C9 F9 M7 V11GE37V8 R5	.000	.000	25.000	.000
(CF2008)	◇	0A37 B26 C9 F9 M7 V11GE37V8 R5	.000	16.000	25.000	.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.8000	INCHES
BREF	936.8000	INCHES
XMRP	1076.7000	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0300	SCALE

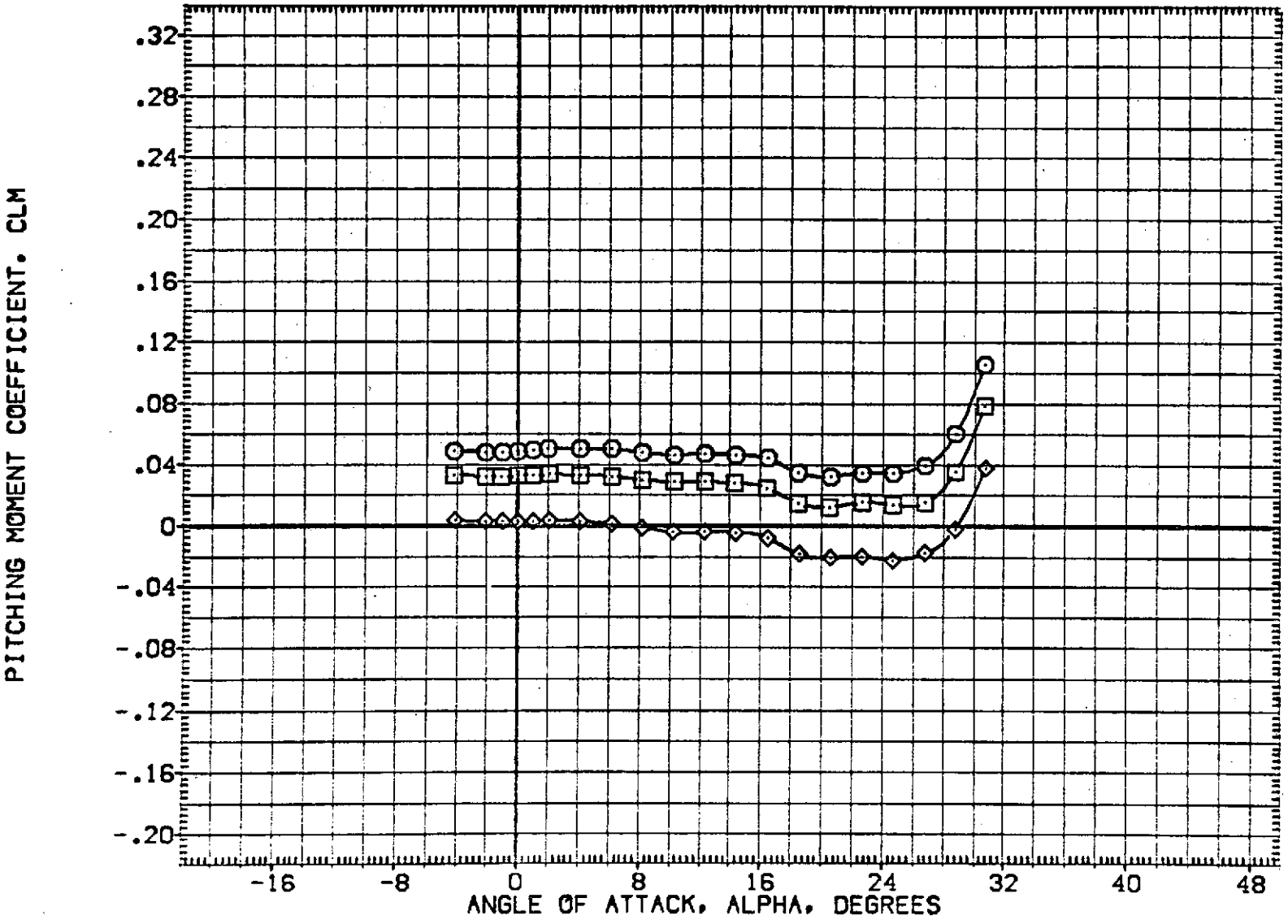


FIG 7 BODY FLAP EFFECTIVENESS

(A)MACH = .26

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELEVON	BDFLAP	SPDBRK	RUDDER
(CF2006) ○	0A37 B2G C9 F9 M7 V11GE37V8 R5	.000	-12.000	25.000	.000
(CF2007) □	0A37 B2G C9 F9 M7 V11GE37V8 R5	.000	.000	25.000	.000
(CF2008) ◇	0A37 B2G C9 F9 M7 V11GE37V8 R5	.000	16.000	25.000	.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.8000	INCHES
BREF	936.8000	INCHES
XMRP	1076.7000	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0300	SCALE

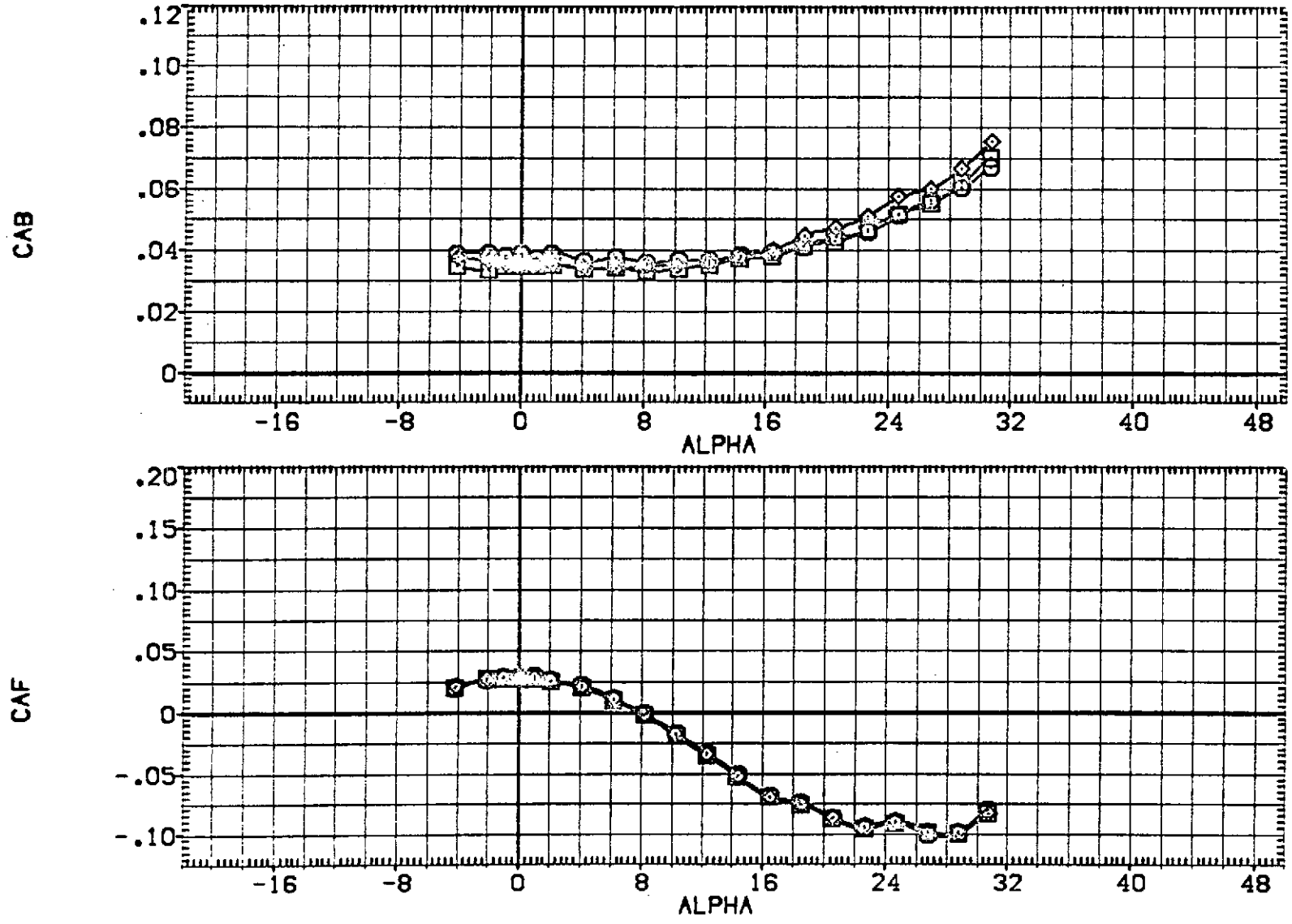


FIG 7 BODY FLAP EFFECTIVENESS

(A)MACH = .26

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELEVON	BDFLAP	SPDBRK	RUDDER
(CF2006) ○	0A37 B26 C9 F9 M7 V11GE37V8 R5	.000	-12.000	25.000	.000
(CF2007) □	0A37 B26 C9 F9 M7 V11GE37V8 R5	.000	.000	25.000	.000
(CF2008) ◇	0A37 B26 C9 F9 M7 V11GE37V8 R5	.000	16.000	25.000	.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.8000	INCHES
BREF	936.8000	INCHES
XMRP	1076.7000	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0300	SCALE

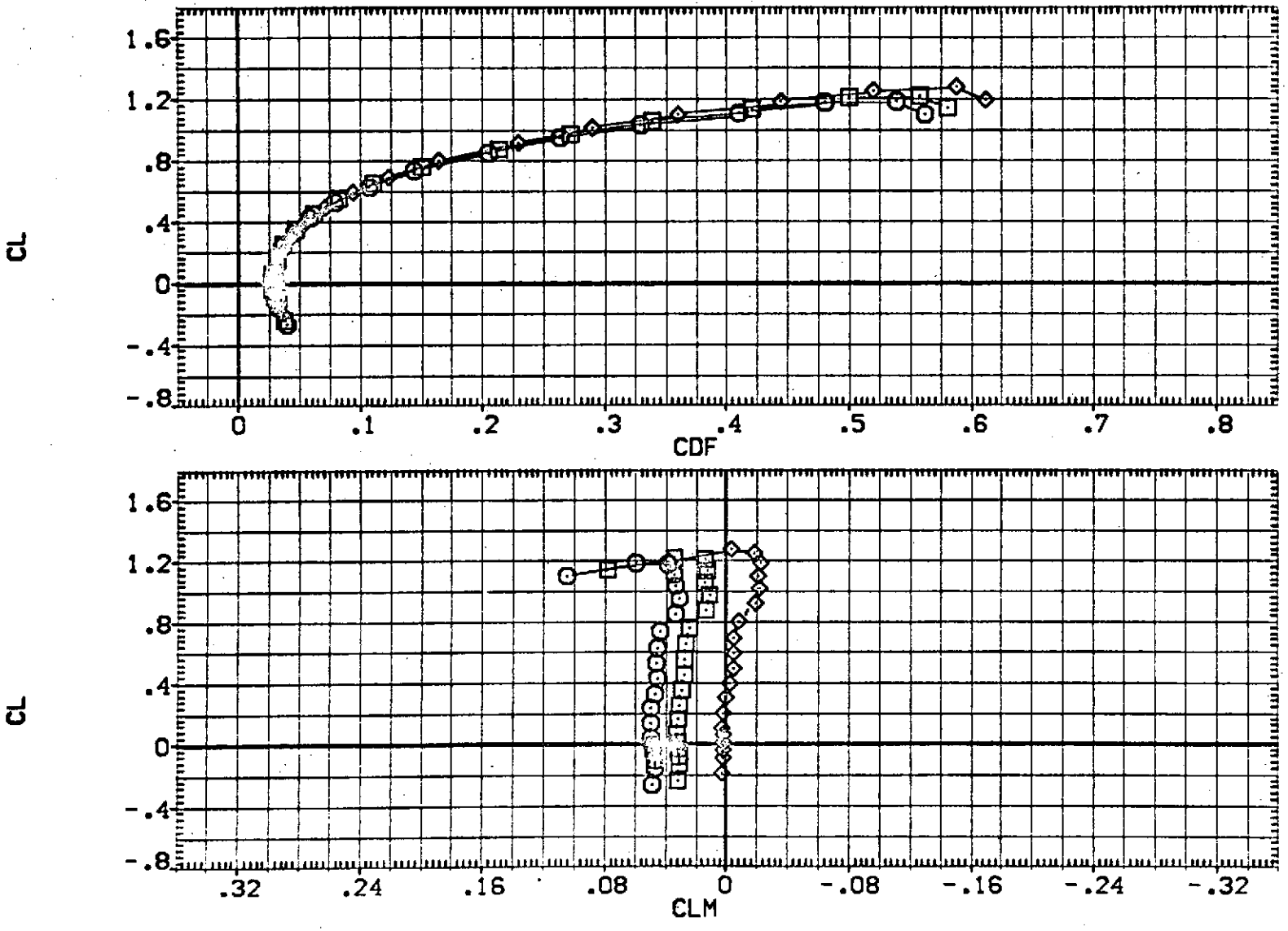


FIG 7 BODY FLAP EFFECTIVENESS

(A)MACH = .26

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(CF2006)	○	BA37 B26 C9 F9 M7 V116E37V8 R5
(CF2007)	□	BA37 B26 C9 F9 M7 V116E37V8 R5
(CF2003)	◇	BA37 B26 C9 F9 M7 V116E37V8 R5

ELEVON	BOFLAP	SPDBRK	RUDDER
.000	-12.000	25.000	.000
.000	.000	25.000	.000
.000	16.000	25.000	.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.6000	INCHES
BREF	936.0000	INCHES
XMRP	1076.7000	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0300	SCALE

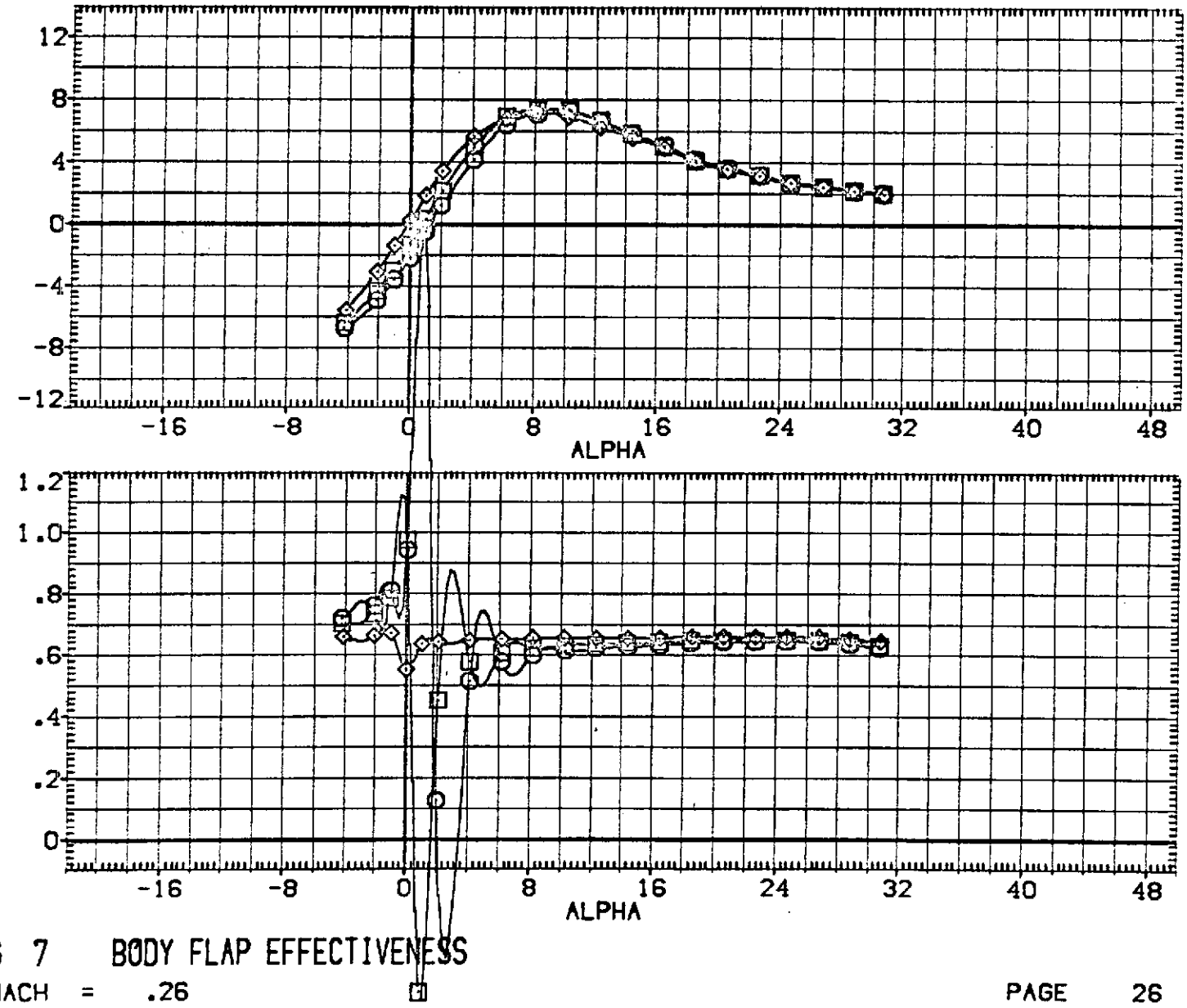


FIG 7 BODY FLAP EFFECTIVENESS

(A)MACH = .26

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ELEVON	BOFLAP	SPDBRK	RUDDER
(BF2026)	○	BA37 B25 C9 F9 M7 V116 E37 V8 R5	.000	-11.700	25.000	.000
(BF2027)	□	BA37 B26 C9 F9 M7 V116 E37 V8 R5	.000	.000	25.000	.000
(BF2008)	◇	BA37 B26 C9 F9 M7 V116 E37 V8 R5	.000	16.300	25.000	.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.8000	INCHES
BREF	935.8000	INCHES
XMRP	1076.7000	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0300	

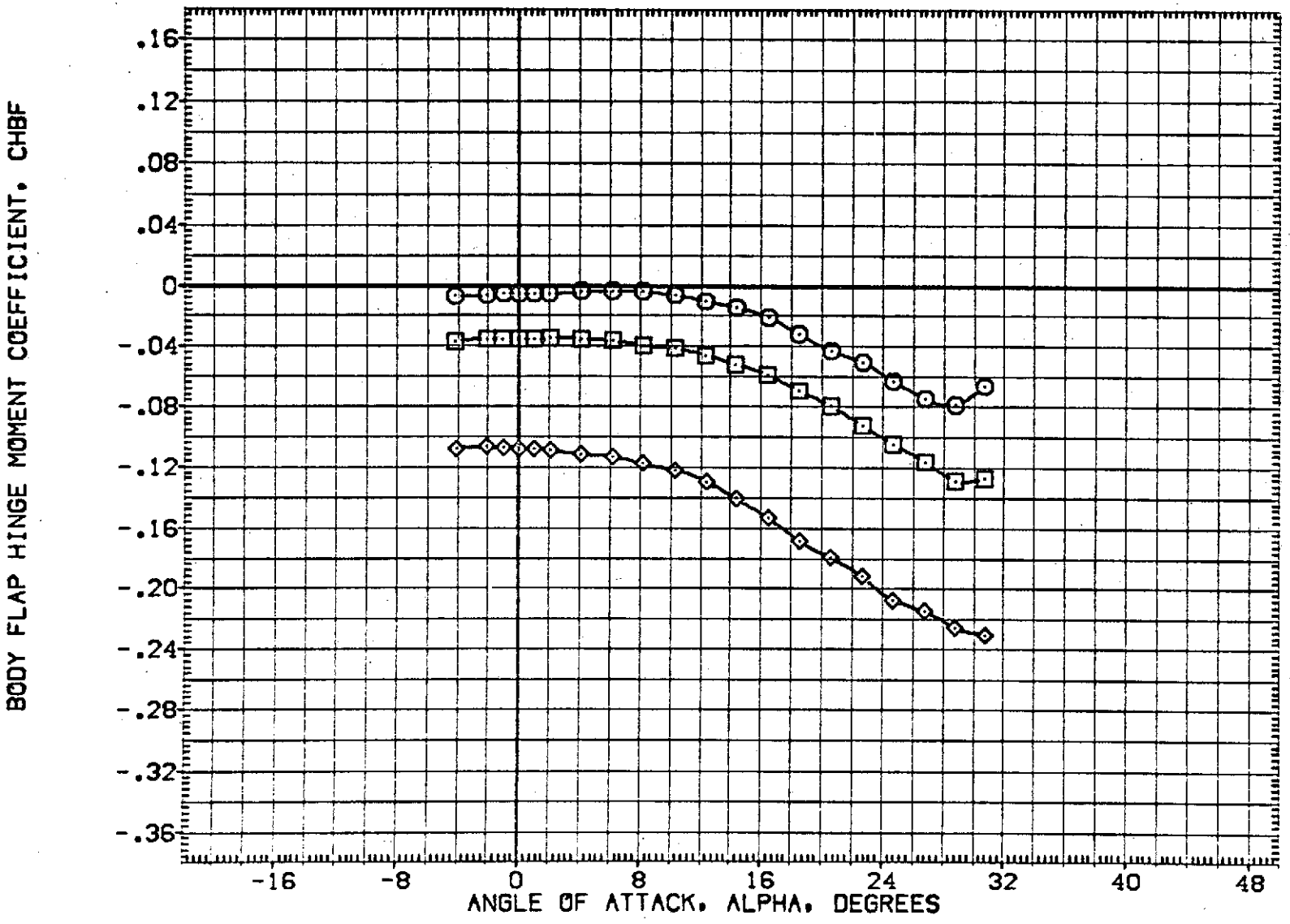


FIG 7 BODY FLAP EFFECTIVENESS

(A)MACH = .26

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	DBDFLP	ELEVON	SPDBRK	RUDDER
(IF2006)	○	0A37 B26 C9 F9 H7 V116E37V8 R5	-12.000	.000	25.000	.000
(IF2007)	□	0A37 B26 C9 F9 H7 V116E37V8 R5	.000	.000	25.000	.000
(IF2008)	◇	0A37 B26 C9 F9 H7 V116E37V8 R5	16.000	.000	25.000	.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.8000	INCHES
BREF	936.8000	INCHES
XMRP	1076.7000	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0300	SCALE

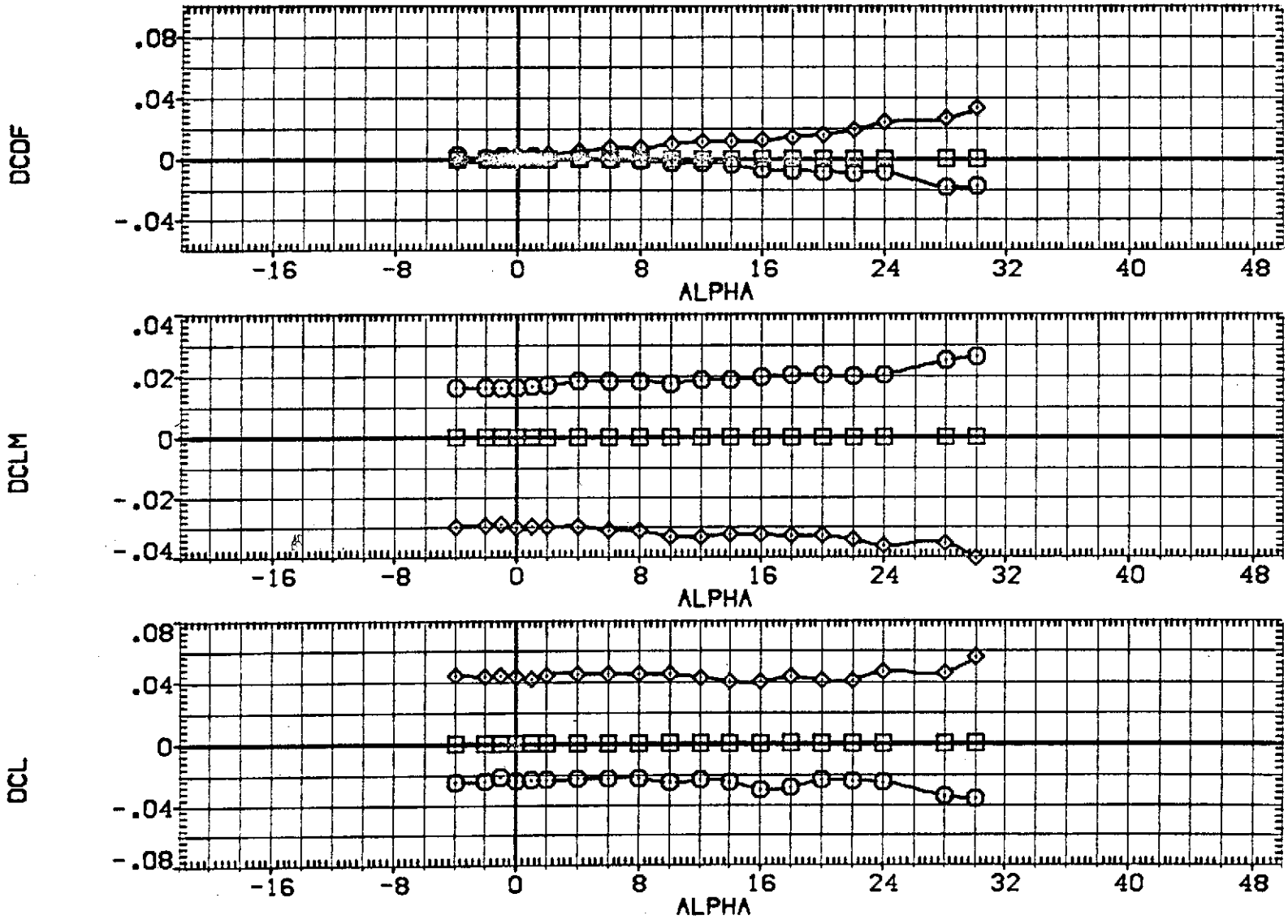


FIG 7 BODY FLAP EFFECTIVENESS

(A)MACH = .26

DATA SET SYMBOL		CONFIGURATION DESCRIPTION	DBDFLP	ELEVON	SPOBRK	RUDDER
[IF2006]	○	0A37 B26 C9 F9 M7 V116E37V8 R5	-12.000	.000	25.000	.000
[IF2007]	□	0A37 B26 C9 F9 M7 V116E37V8 R5	.000	.000	25.000	.000
[IF2008]	◇	0A37 B26 C9 F9 M7 V116E37V8 R5	16.000	.000	25.000	.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.8000	INCHES
BREF	936.8000	INCHES
XMRP	1076.7000	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0300	SCALE

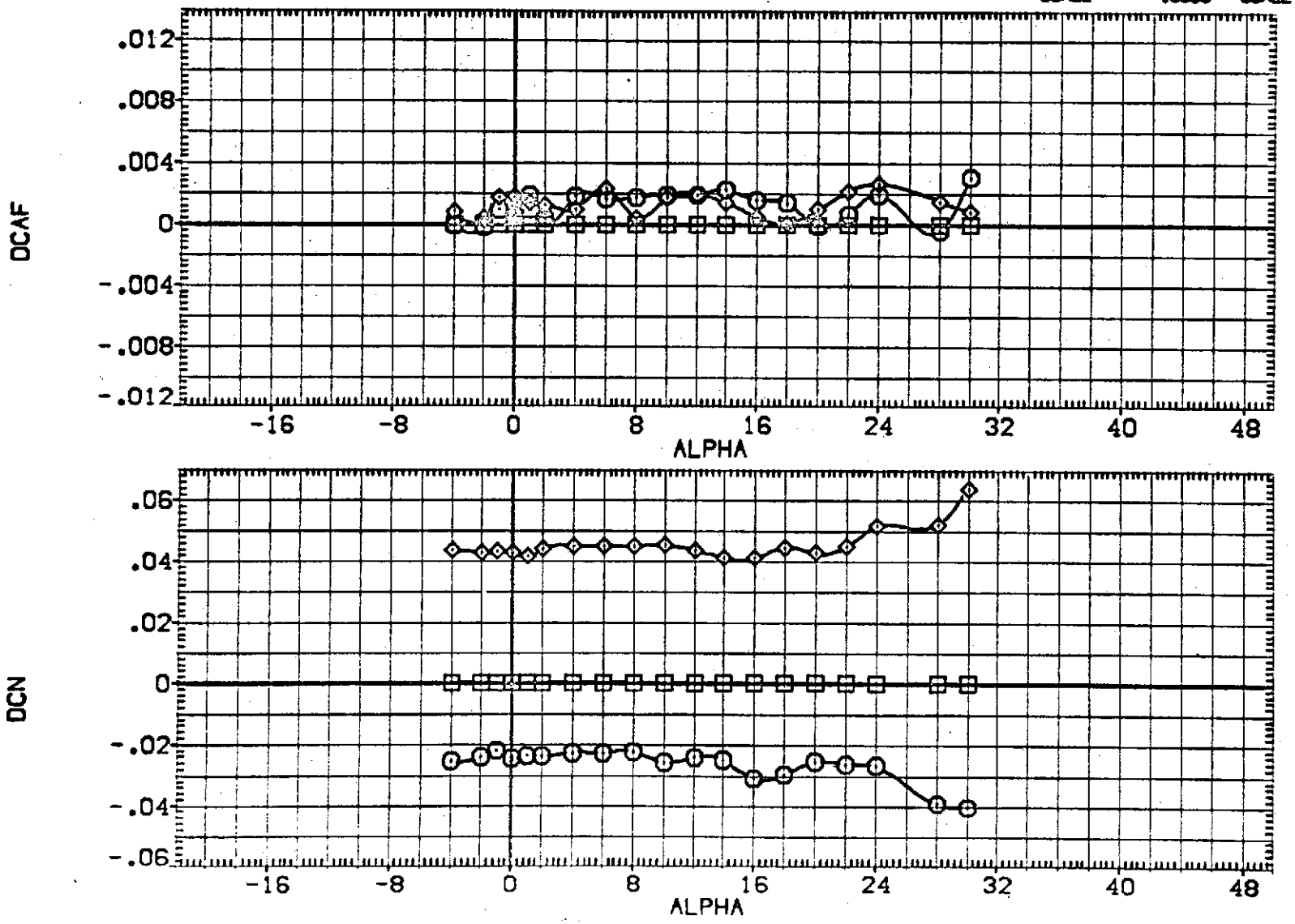


FIG 7 BODY FLAP EFFECTIVENESS

(A)MACH = .26

DATA SET SYMBOL		CONFIGURATION DESCRIPTION	ELEVON	BDFLAP	SPDBRK	RUDDER
(RF2010)	⌷	0A37 B26 C9 F9 M7 V116E37V8 R5	15.000	-12.000	25.000	.000
(RF2009)	□	0A37 B26 C9 F9 M7 V116E37V8 R5	15.000	16.000	25.000	.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.8000	INCHES
BREF	936.8000	INCHES
XMRP	1076.7000	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0300	SCALE

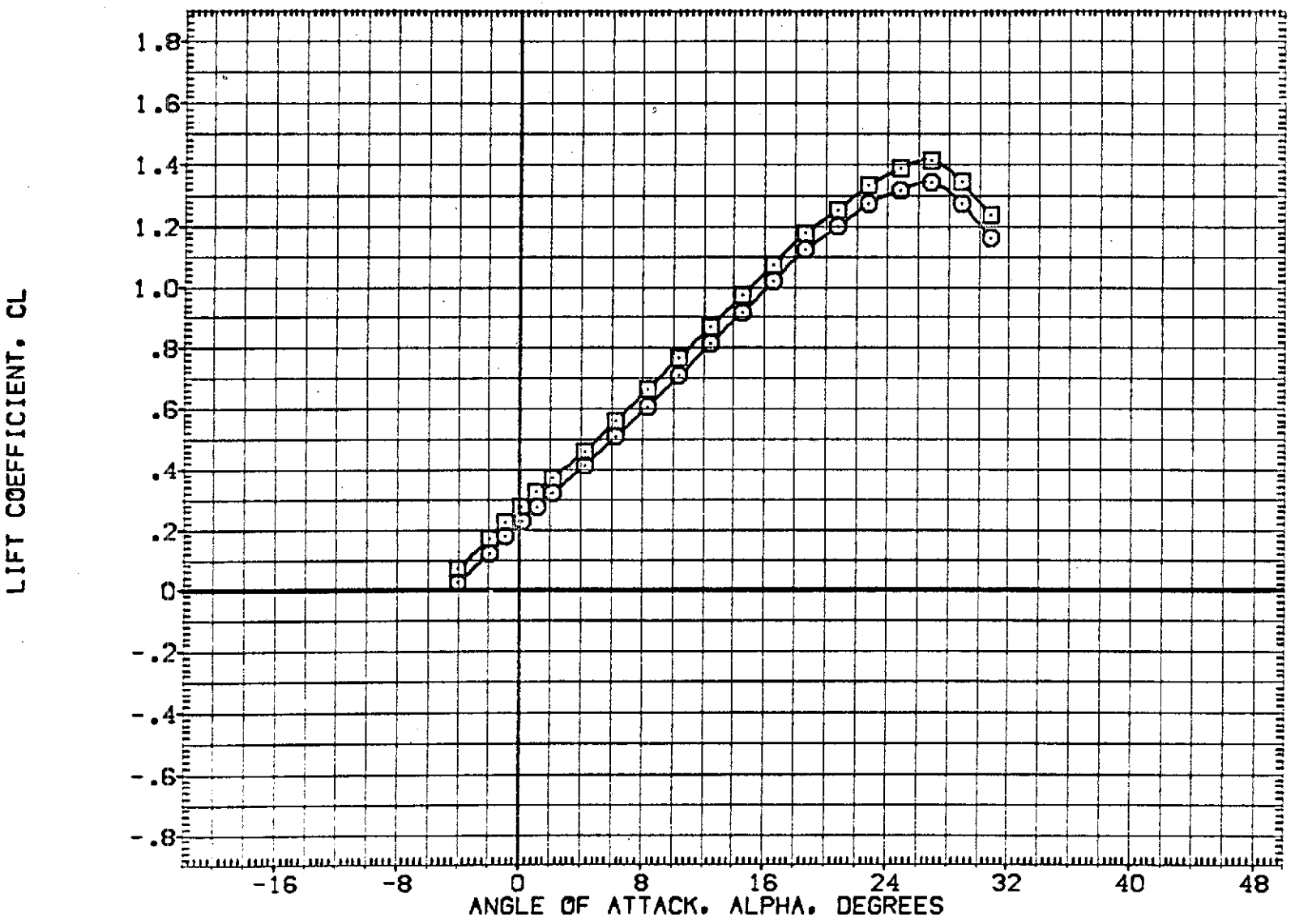


FIG 8 EFFECT OF BODY FLAP DEFLECTION ON ELEVON INPUT, ELEVON = 15 DEG.

(A)MACH = .26

DATA SET SYMBOL		CONFIGURATION DESCRIPTION	ELEVON	BDFLAP	SPDBRK	RUDDER
(RF2010)	○	0A37 B26 C9 F9 M7 V11BE37V8 R5	15.000	-12.000	25.000	.000
(RF2009)	□	0A37 B26 C9 F9 M7 V11BE37V8 R5	15.000	16.000	25.000	.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.8000	INCHES
BREF	936.8000	INCHES
XMRP	1076.7000	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0300	SCALE

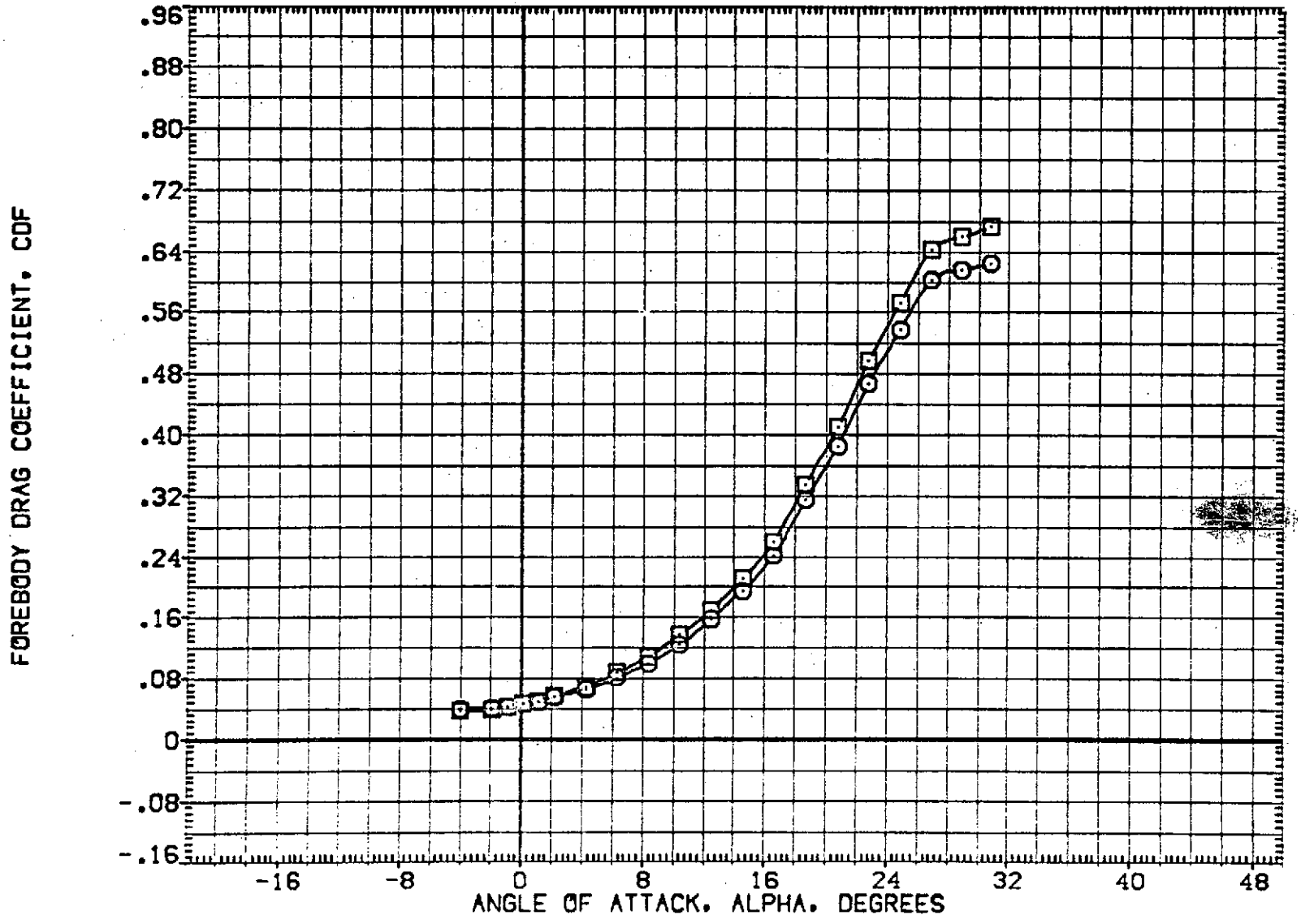


FIG 8 EFFECT OF BODY FLAP DEFLECTION ON ELEVON INPUT, ELEVON = 15 DEG.

(A)MACH = .26

DATA SET SYMBOL		CONFIGURATION DESCRIPTION	ELEVON	BDFLAP	SPOBRK	RUDDER
[RF2010]	○	0A37 B26 C9 F9 H7 V116E37V8 R5	15.000	-12.000	25.000	.000
[RF2009]	□	0A37 B26 C9 F9 H7 V116E37V8 R5	15.000	16.000	25.000	.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.8000	INCHES
BREF	936.8000	INCHES
XMRP	1076.7000	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0300	SCALE

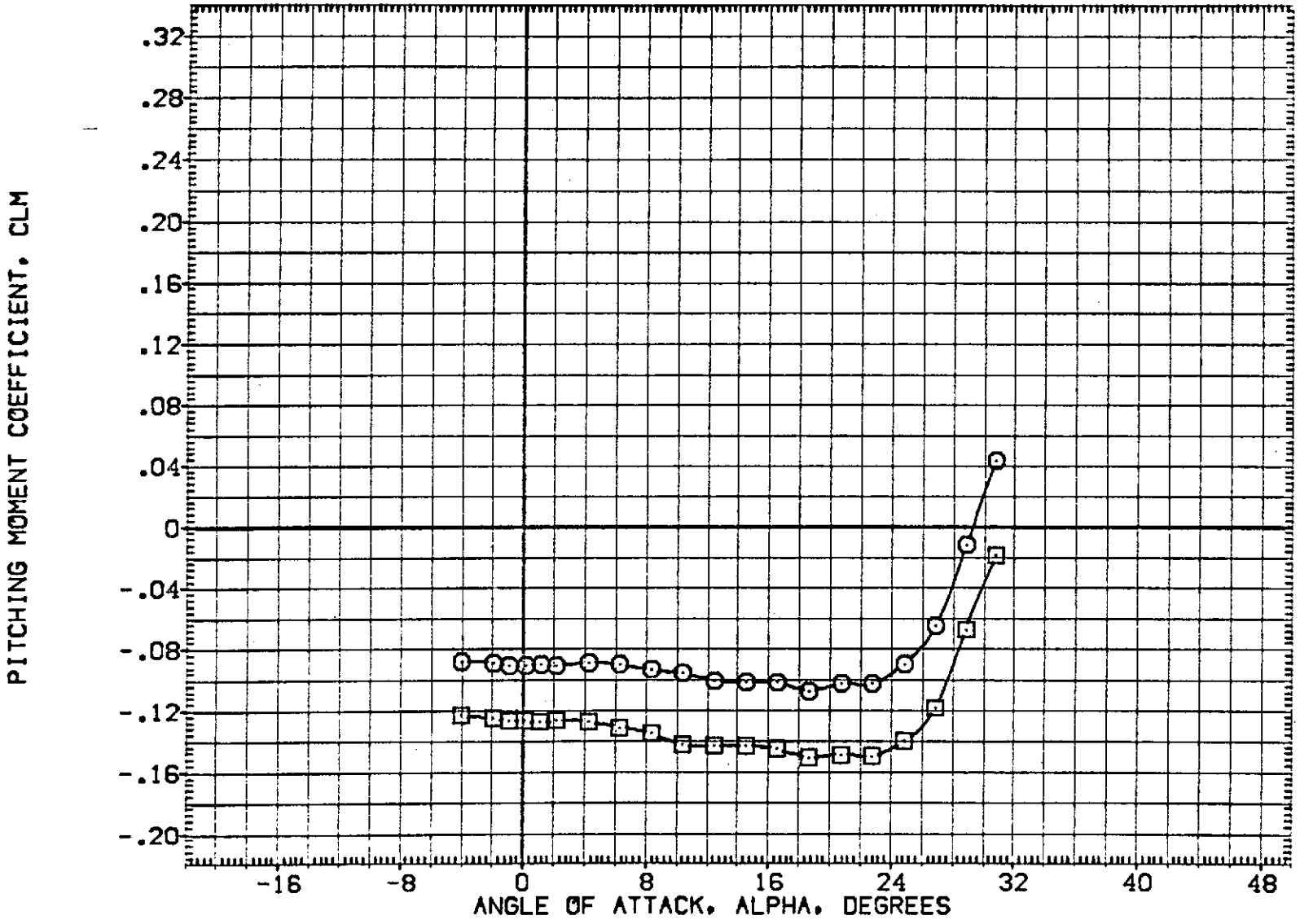


FIG 8 EFFECT OF BODY FLAP DEFLECTION ON ELEVON INPUT, ELEVON = 15 DEG.

[A]MACH = .26

DATA SET SYMBOL		CONFIGURATION DESCRIPTION	ELEVON	BDFLAP	SPDBRK	RUDDER
(RF2012)	☐	0A37 B2G C9 F9 H7 V11BE37V8 R5	-20.000	-12.000	25.000	.000
(RF2013)	☐	0A37 B2G C9 F9 H7 V11BE37V8 R5	-20.000	.000	25.000	.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.8000	INCHES
BREF	936.8000	INCHES
XMRP	1076.7000	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0300	SCALE

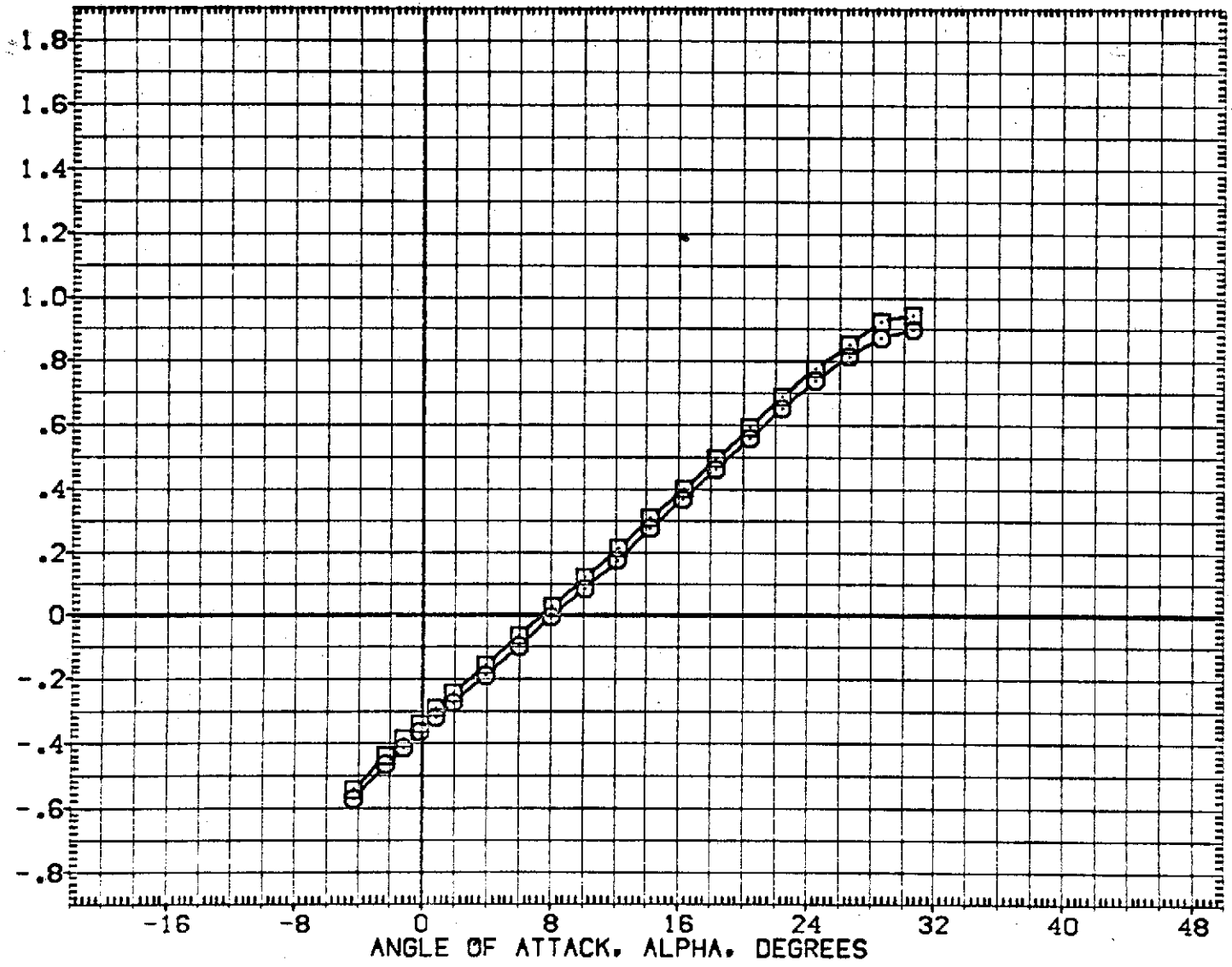


FIG 9 EFFECT OF BODY FLAP DEFLECTION ON ELEVON INPUT, ELEVON = -20 DEG.

(A)MACH = .26

DATA SET SYMBOL		CONFIGURATION DESCRIPTION	ELEVON	BDFLAP	SPDBRK	RUDDER
(RF2012)	○	0A37 B26 C9 F9 H7 V116E37V8 R5	-20.000	-12.000	25.000	.000
(RF2013)	□	0A37 B26 C9 F9 H7 V116E37V8 R5	-20.000	.000	25.000	.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.0000	INCHES
BREF	936.0000	INCHES
XMRP	1076.7000	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0300	SCALE

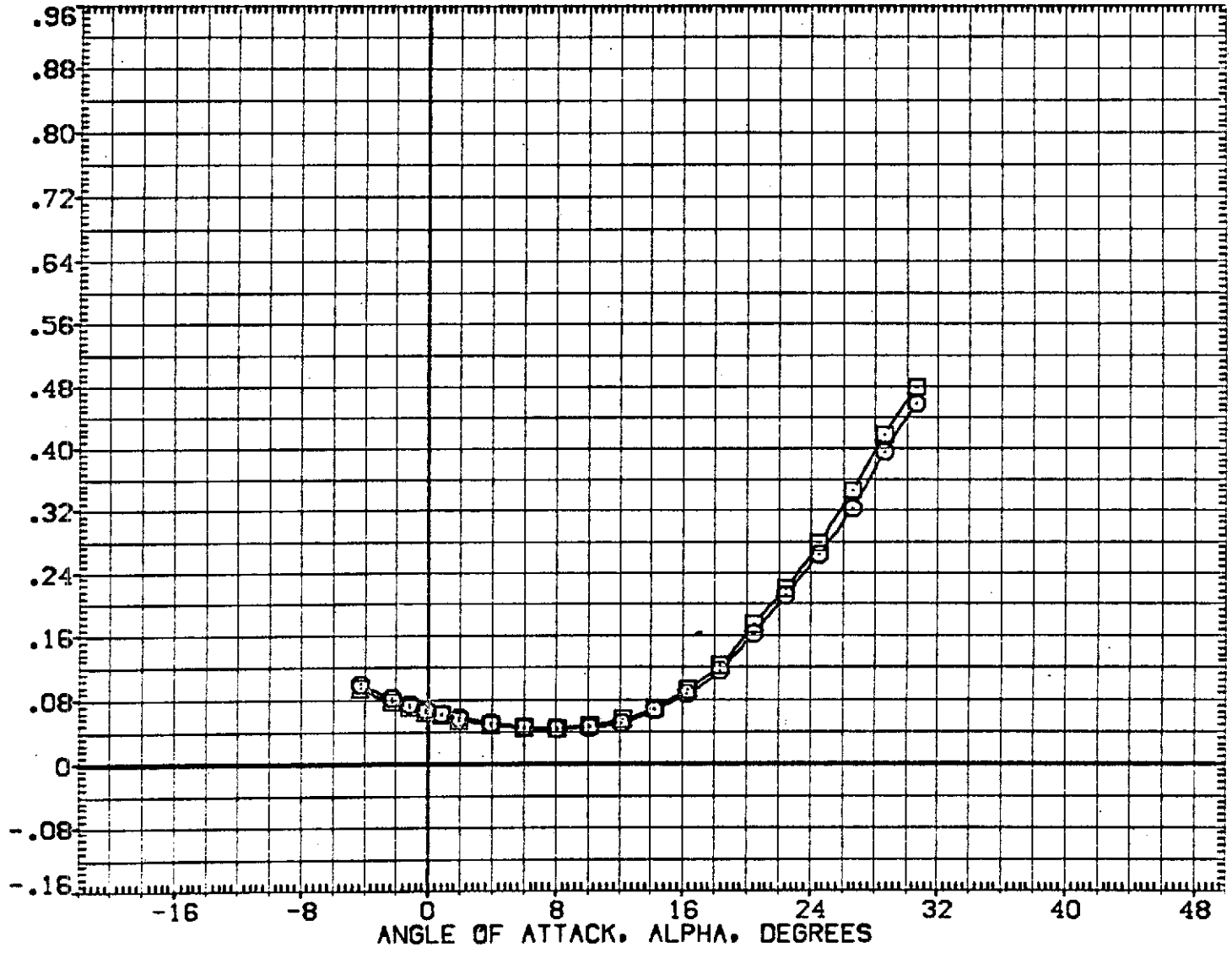


FIG 9 EFFECT OF BODY FLAP DEFLECTION ON ELEVON INPUT, ELEVON = -20 DEG.

(A)MACH = .26

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ELEVON	BDFLAP	SPOBRK	RUDDER
[RF2012]	○	BA37 B26 C9 F9 M7 V11GE37V8 R5	-20.000	-12.000	25.000	.000
[RF2013]	□	BA37 B26 C9 F9 M7 V11GE37V8 R5	-20.000	.000	25.000	.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.8000	INCHES
BREF	935.8000	INCHES
XMRP	1076.7000	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0300	SCALE

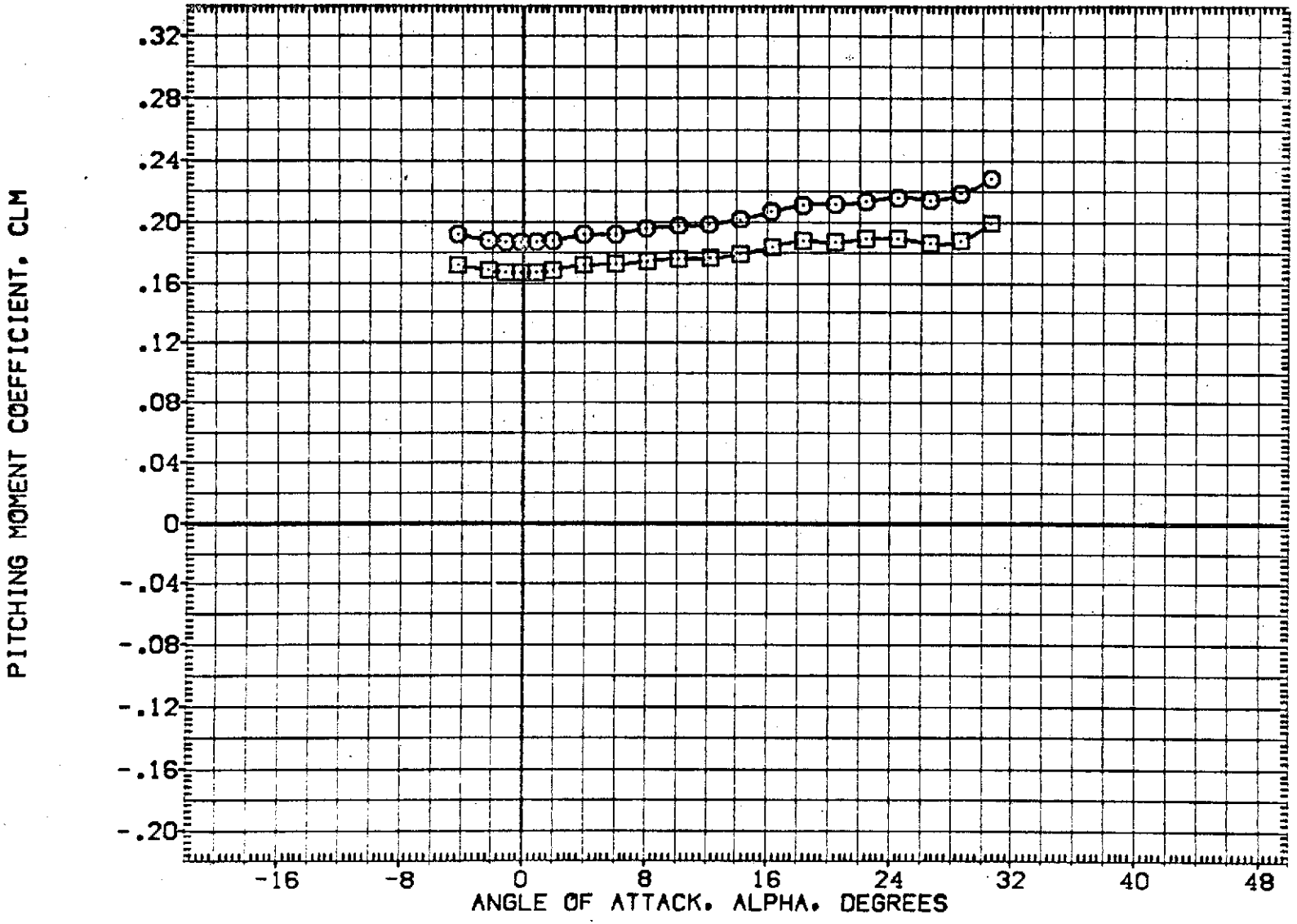


FIG 9 EFFECT OF BODY FLAP DEFLECTION ON ELEVON INPUT, ELEVON = -20 DEG.

(A)MACH = .26

DATA SET SYMBOL		CONFIGURATION DESCRIPTION	ELEVON	BOFLAP	SPDBRK	RUDDER
[RF2017]	○	0A37 B26 C9 F9 M7 V116E37V8 R5	-40.000	-12.000	25.000	.000
[RF2018]	□	0A37 B26 C9 F9 M7 V116E37V8 R5	-40.000	.000	25.000	.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.8000	INCHES
BREF	936.8000	INCHES
XMRP	1076.7000	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0300	SCALE

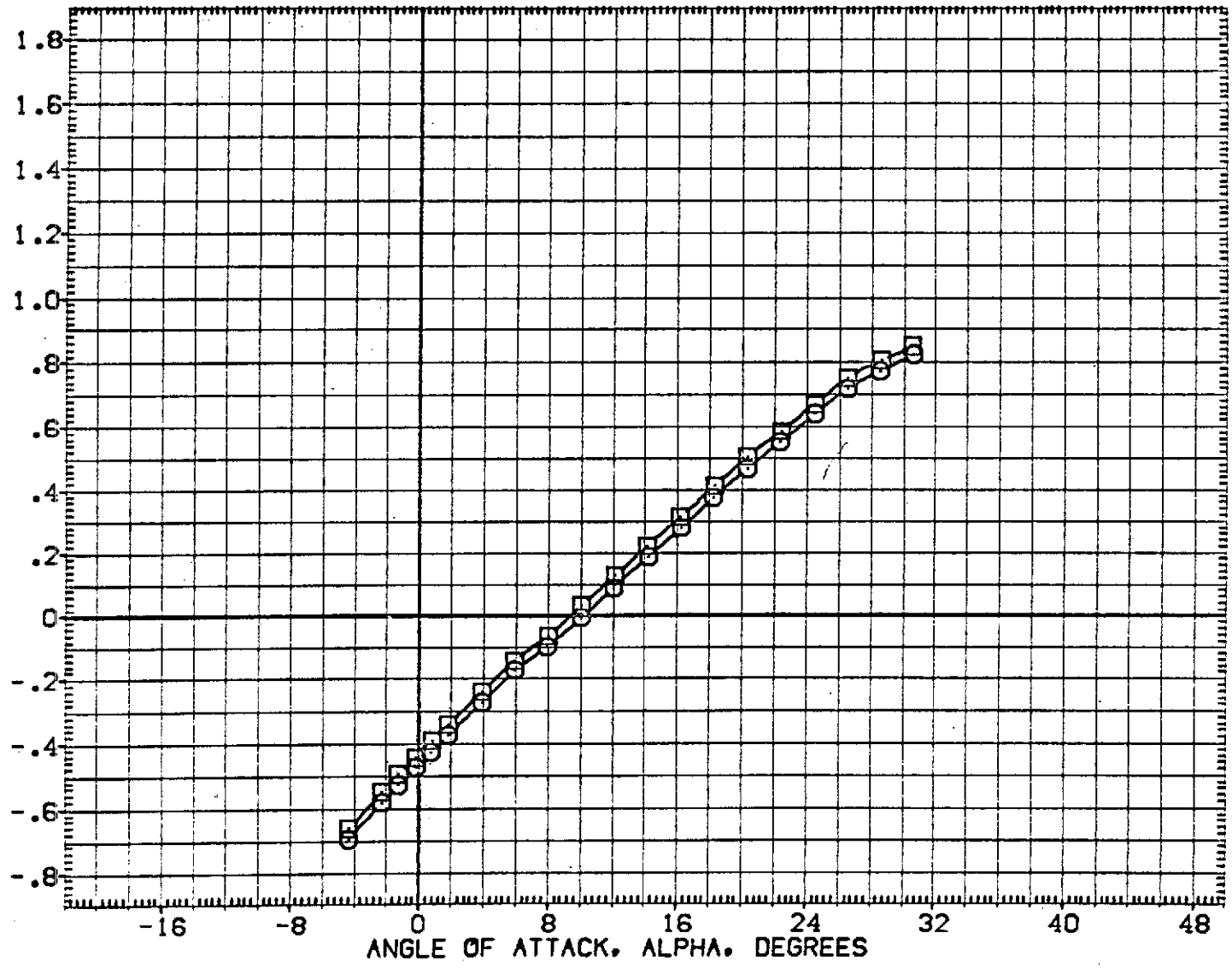


FIG 10 EFFECT OF BODY FLAP DEFLECTION ON ELEVON INPUT, ELEVON = -40 DEG.

(A)MACH = .26

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELEVON	BOFLAP	SPOBRK	RUDDER
(RF2017)	0A37 B26 C9 F9 M7 V11GE37V8 R5	-40.000	-12.000	25.000	.000
(RF2018)	0A37 B26 C9 F9 M7 V11GE37V8 R5	-40.000	.000	25.000	.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.8000	INCHES
BREF	935.8000	INCHES
XMRP	1076.7000	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0300	SCALE

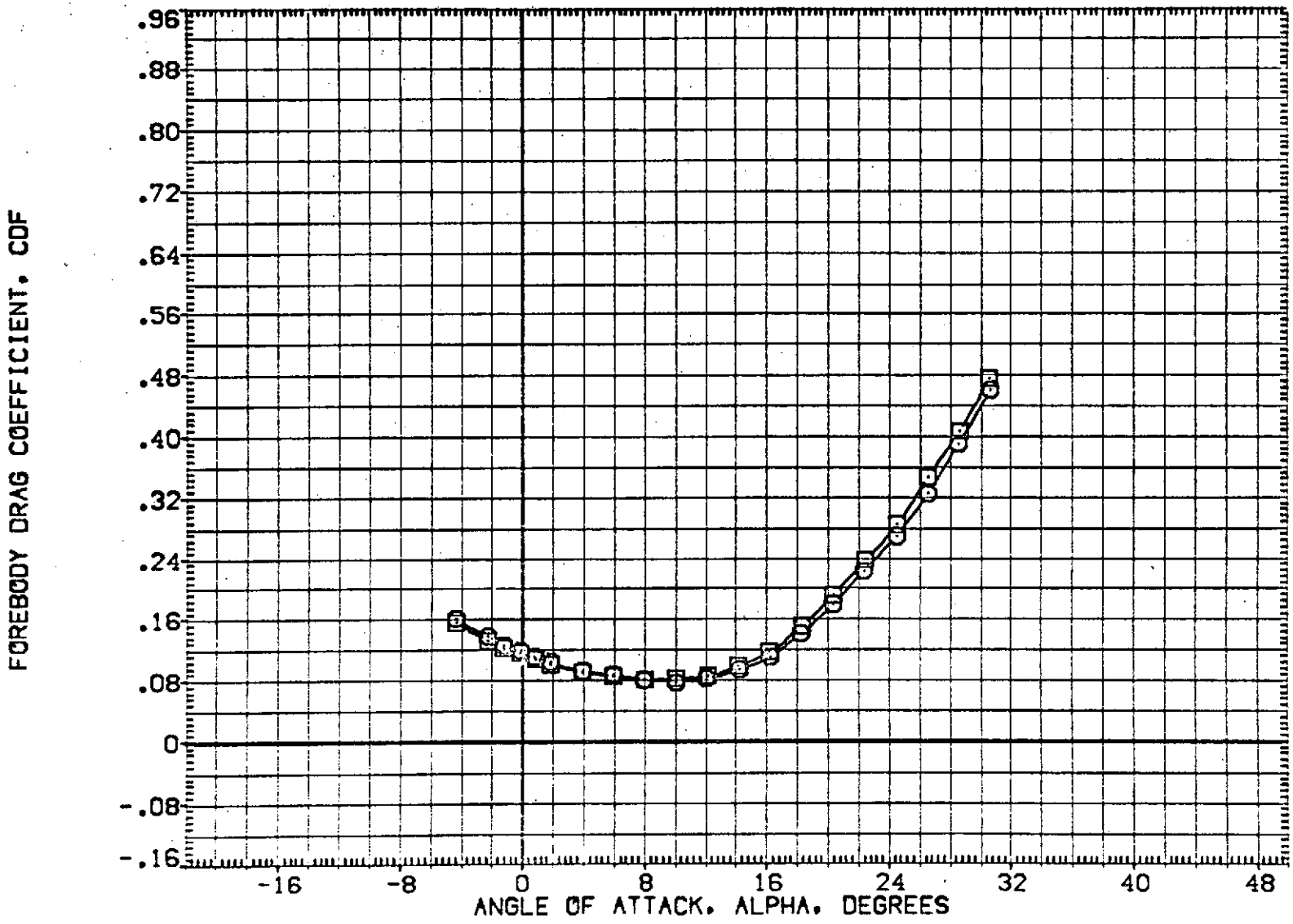


FIG 10 EFFECT OF BODY FLAP DEFLECTION ON ELEVON INPUT, ELEVON = -40 DEG.

(A)MACH = .26

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ELEVON	BDFLAP	SPDBRK	RUDDER
[RF2017]	○	0A37 B26 C9 F9 M7 V11GE37V8 R5	-40.000	-12.000	25.000	.000
[RF2018]	□	0A37 B26 C9 F9 M7 V11GE37V8 R5	-40.000	.000	25.000	.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.8000	INCHES
BREF	935.8000	INCHES
XMRP	1076.7000	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0300	SCALE

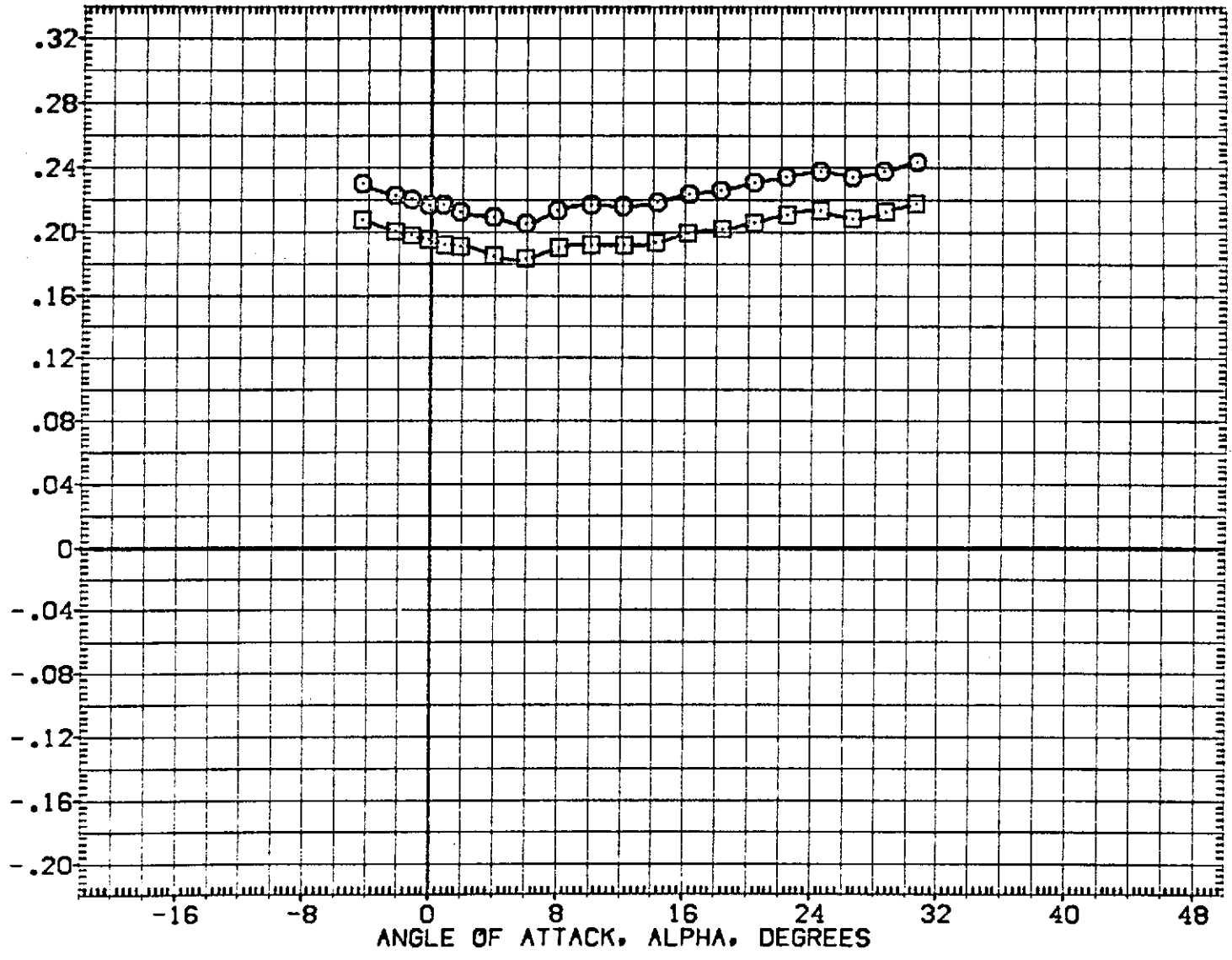


FIG 10 EFFECT OF BODY FLAP DEFLECTION ON ELEVON INPUT, ELEVON = -40 DEG.

(A)MACH = .26

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(RF2017)	□	OA37 B26 C9 F9 M7 V116E37V8 R5
(RF2012)	◇	OA37 B26 C9 F9 M7 V116E37V8 R5
(RF2011)	⊠	OA37 B26 C9 F9 M7 V116E37V8 R5
(RF2006)	▽	OA37 B26 C9 F9 M7 V116E37V8 R5
(RF2010)	△	OA37 B26 C9 F9 M7 V116E37V8 R5

ELEVON	BDFLAP	SPDBRK	RUDDER
-40.000	-12.000	25.000	.000
-20.000	-12.000	25.000	.000
-10.000	-12.000	25.000	.000
.000	-12.000	25.000	.000
15.000	-12.000	25.000	.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.8000	INCHES
BREF	936.8000	INCHES
XMRP	1076.7000	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0300	SCALE

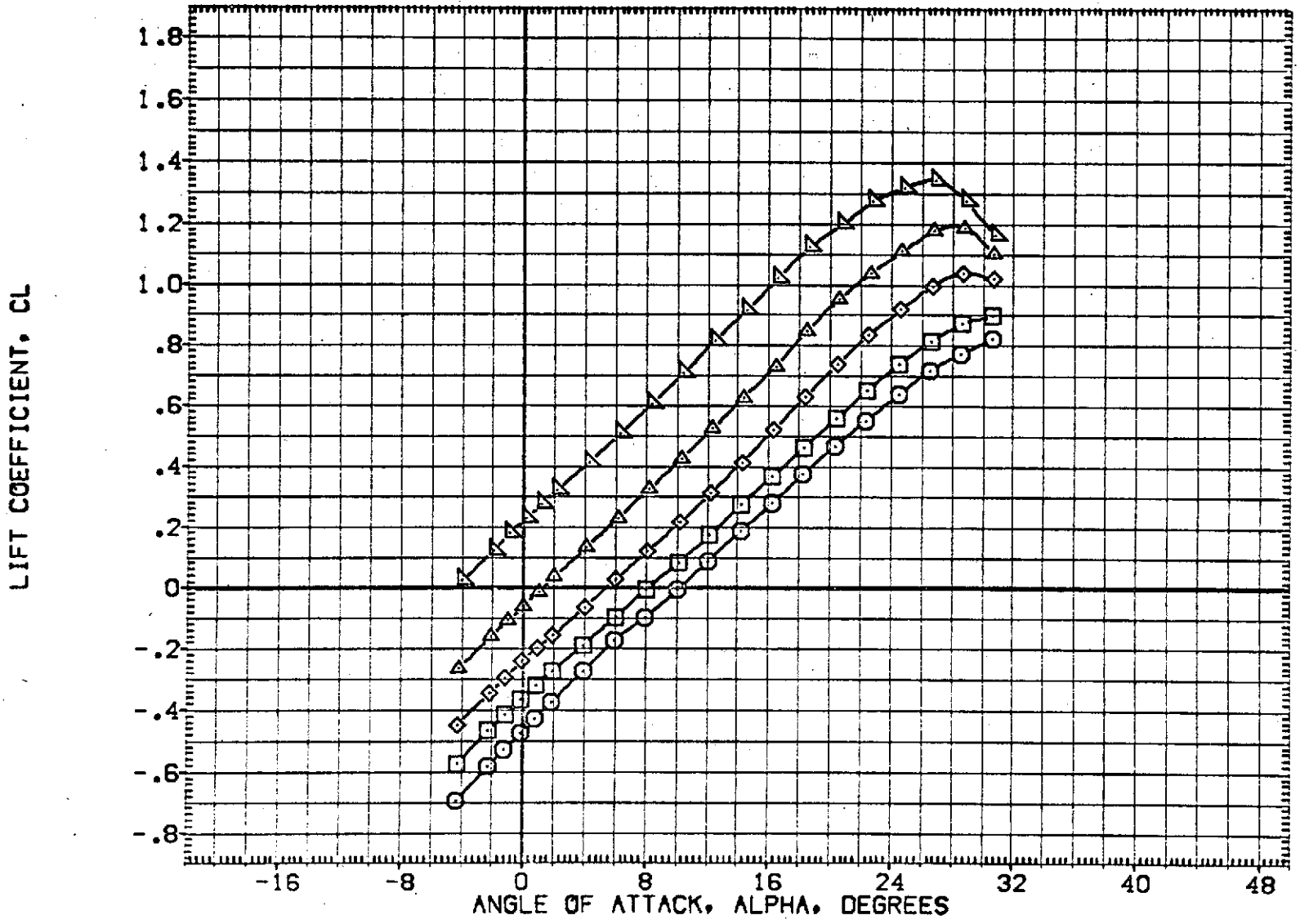


FIG 11 ELEVON EFFECTIVENESS, SPDBRK = 25 DEG., BDFLAP = -11.7

(A)MACH = .26

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ELEVON	BDFLAP	SPDBRK	RUDDER
(RF2017)	○	0A37 B26 C9 F9 M7 V116E37V8 R5	-40.000	-12.000	25.000	.000
(RF2012)	□	0A37 B26 C9 F9 M7 V116E37V8 R5	-20.000	-12.000	25.000	.000
(RF2011)	◇	0A37 B26 C9 F9 M7 V116E37V8 R5	-10.000	-12.000	25.000	.000
(RF2003)	△	0A37 B26 C9 F9 M7 V116E37V8 R5	.000	-12.000	25.000	.000
(RF2010)	▷	0A37 B26 C9 F9 M7 V116E37V8 R5	15.000	-12.000	25.000	.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.6000	INCHES
BREF	933.8000	INCHES
XMRP	1076.7000	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0300	SCALE

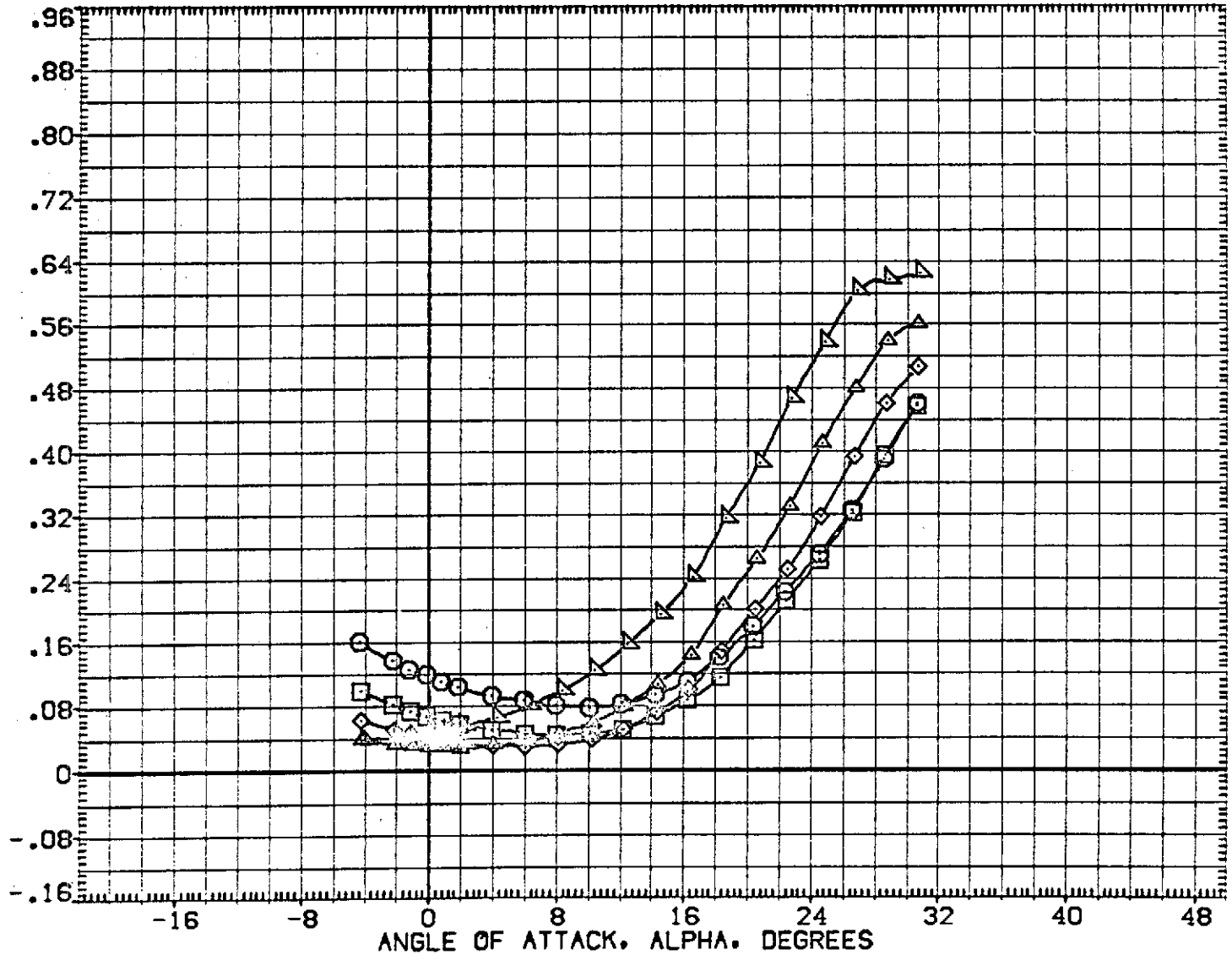


FIG 11 ELEVON EFFECTIVENESS, SPDBRK = 25 DEG., BDFLAP = -11.7

(A)MACH = .26

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ELEVON	BDFLAP	SPDBRK	RUDDER
(RF2017)	○	OA37 B26 C9 F9 M7 V11GE37V8 R5	-40.000	-12.000	25.000	.000
(RF2012)	□	OA37 B26 C9 F9 M7 V11GE37V8 R5	-20.000	-12.000	25.000	.000
(RF2011)	◇	OA37 B26 C9 F9 M7 V11GE37V8 R5	-10.000	-12.000	25.000	.000
(RF2006)	△	OA37 B26 C9 F9 M7 V11GE37V8 R5	.000	-12.000	25.000	.000
(RF2010)	▽	OA37 B26 C9 F9 M7 V11GE37V8 R5	15.000	-12.000	25.000	.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.8000	INCHES
BREF	936.8000	INCHES
XMRP	1076.7000	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0300	SCALE

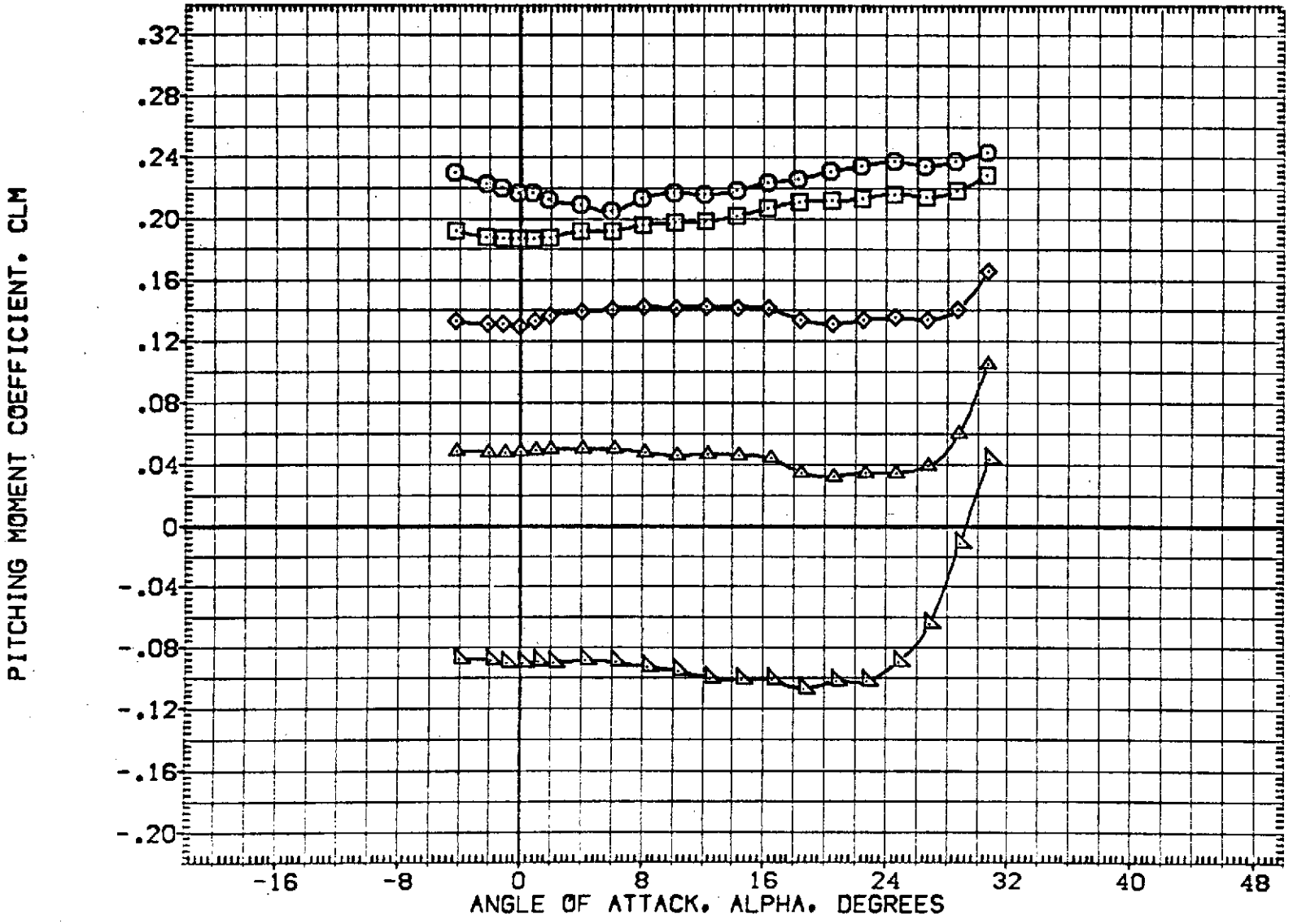


FIG 11 ELEVON EFFECTIVENESS, SPDBRK = 25 DEG., BDFLAP = -11.7

(A)MACH = .26

SYMBOL	ALPHA	PARAMETRIC VALUES				DATA SOURCE				REFERENCE INFORMATION		
○	-4.000	MACH	.260	AILRON	.000	DATASET	DELVON	DATASET	DELVON	SREF	2690.0000	SQ.FT.
□	-2.000	BDFLAP	-12.000	RUDDER	.000	FF2017	-40.000	FF2012	-20.000	LREF	474.8000	INCHES
◇	-1.000	SPDBRK	25.000	BETA	.000	FF2011	-10.000	FF2006	.000	BREF	935.8000	INCHES
△	.000					FF2010	15.000			XMRP	1076.7000	INCHES
◁	1.000									YMRP	.0000	INCHES
										ZMRP	375.0000	INCHES
										SCALE	.0300	SCALE

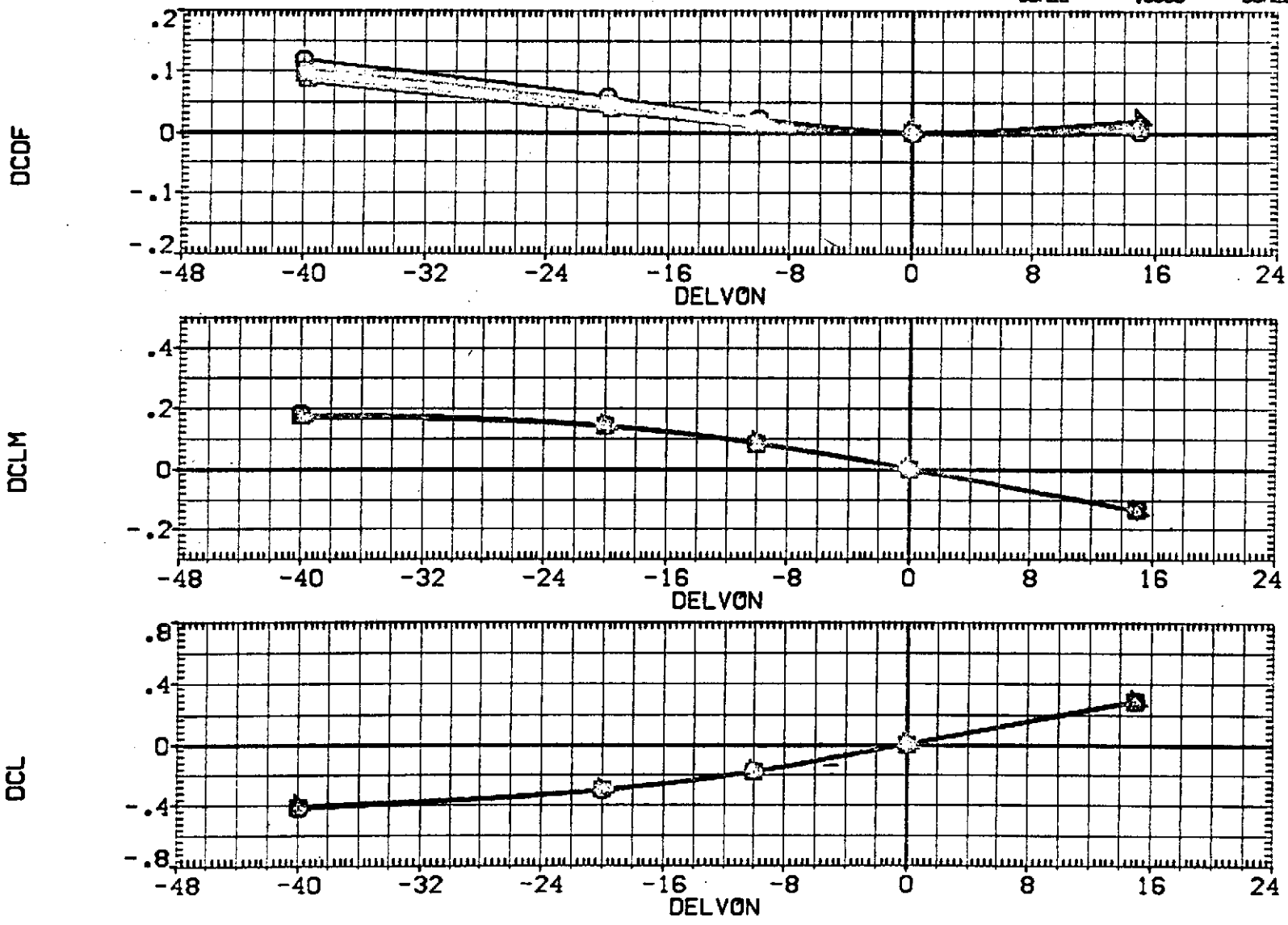


FIG 11 ELEVON EFFECTIVENESS, SPDBRK = 25 DEG., BDFLAP = -11.7

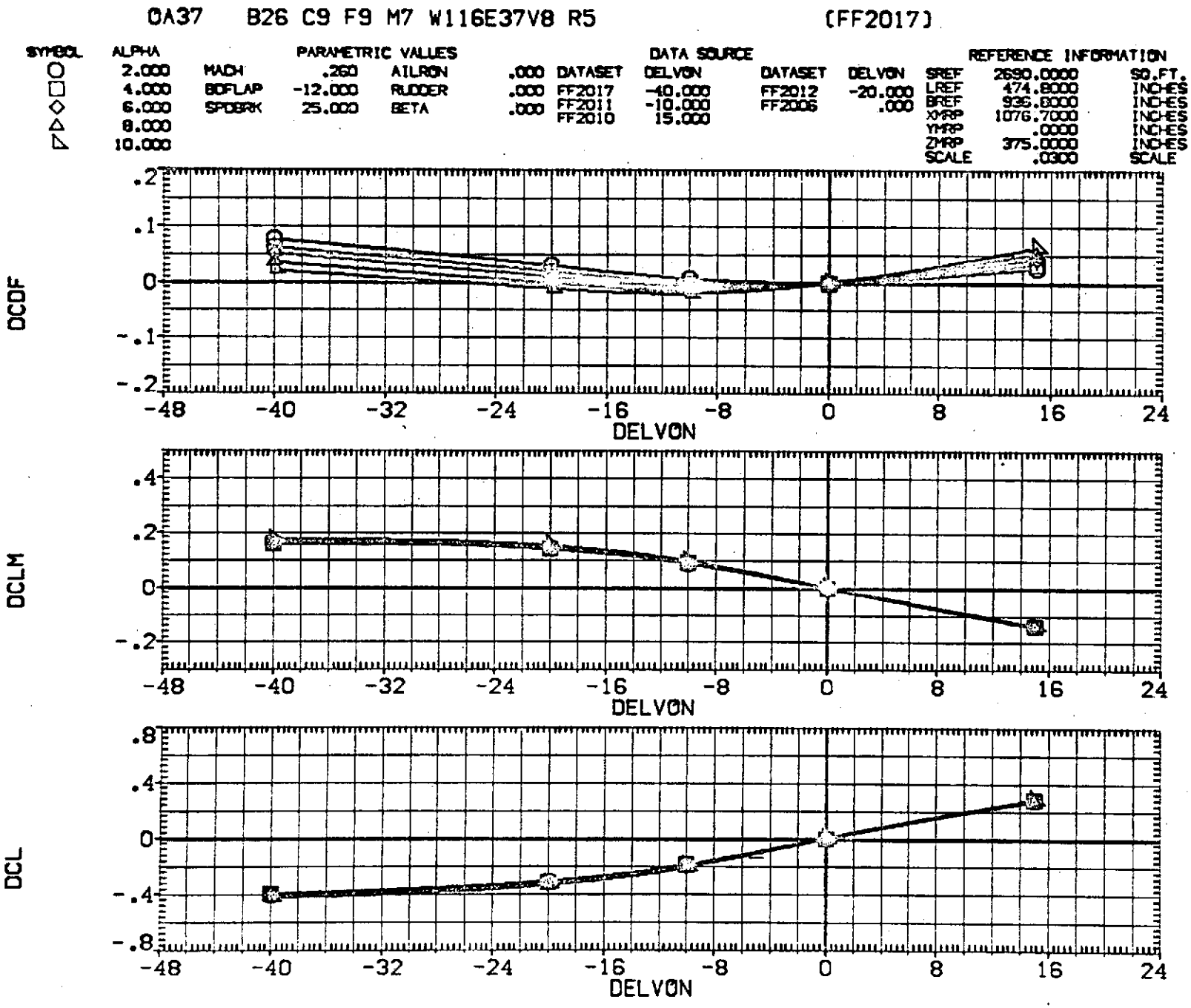


FIG 11 ELEVON EFFECTIVENESS, SPDBRK = 25 DEG., BDFLAP = -11.7

0A37 B26 C9 F9 M7 W116E37V8 R5 (FF2017)

SYMBOL	ALPHA	PARAMETRIC VALUES				DATA SOURCE				REFERENCE INFORMATION		
○	12.000	MACH	.260	AILRON	.000	DATASET	DELVON	DATASET	DELVON	SREF	2690.0000	SQ.FT.
□	14.000	BDFLAP	-12.000	RUDDER	.000	FF2017	-40.000	FF2012	-20.000	LREF	474.0000	INCHES
◇	16.000	SPDBRK	25.000	BETA	.000	FF2011	-10.000	FF2006	.000	BREF	936.6000	INCHES
△	18.000					FF2010	15.000			XMRP	1076.7000	INCHES
◿	20.000									YMRP	.0000	INCHES
										ZMRP	375.0000	INCHES
										SCALE	.0300	SCALE

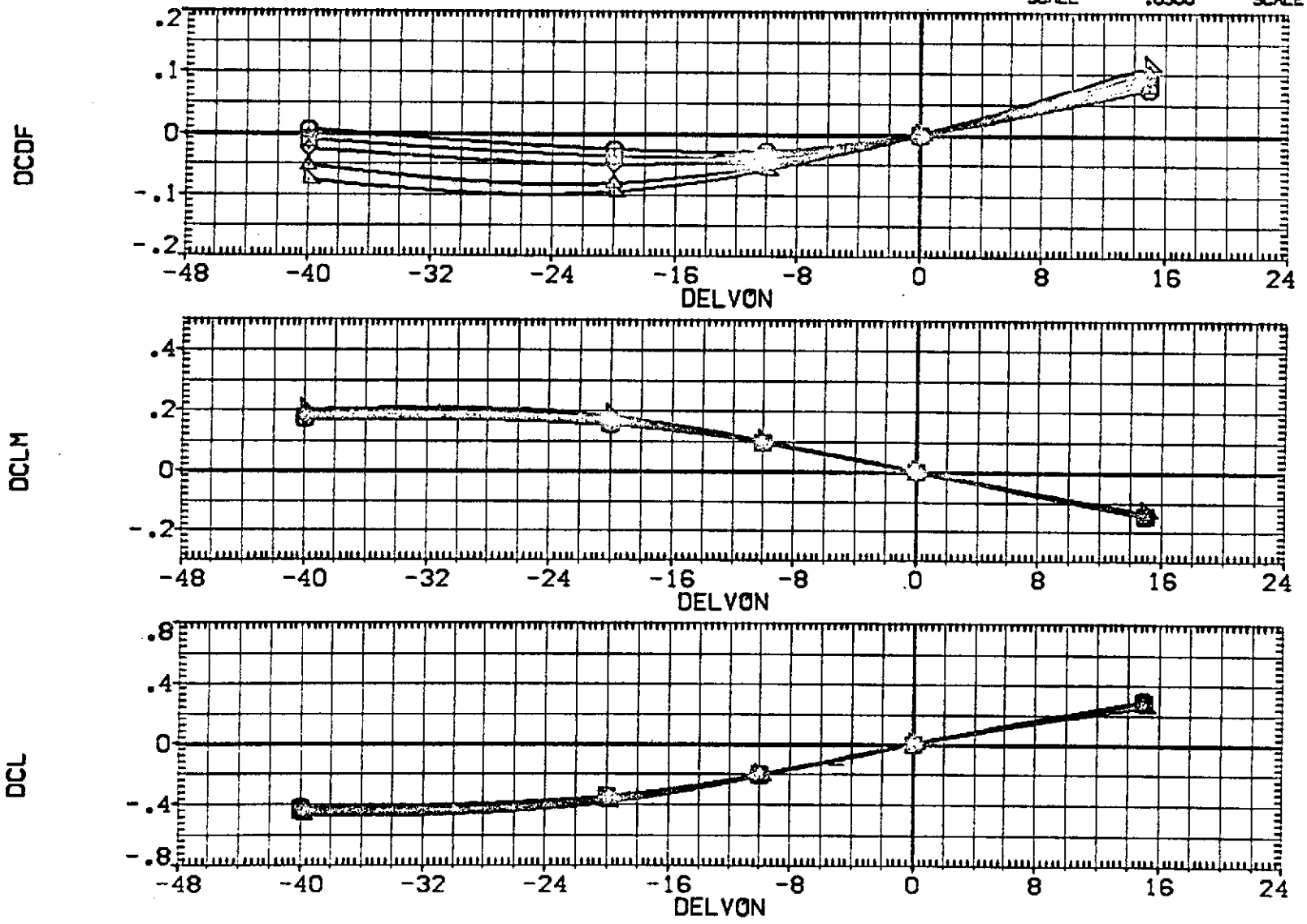


FIG 11 ELEVON EFFECTIVENESS, SPDBRK = 25 DEG., BDFLAP = -11.7

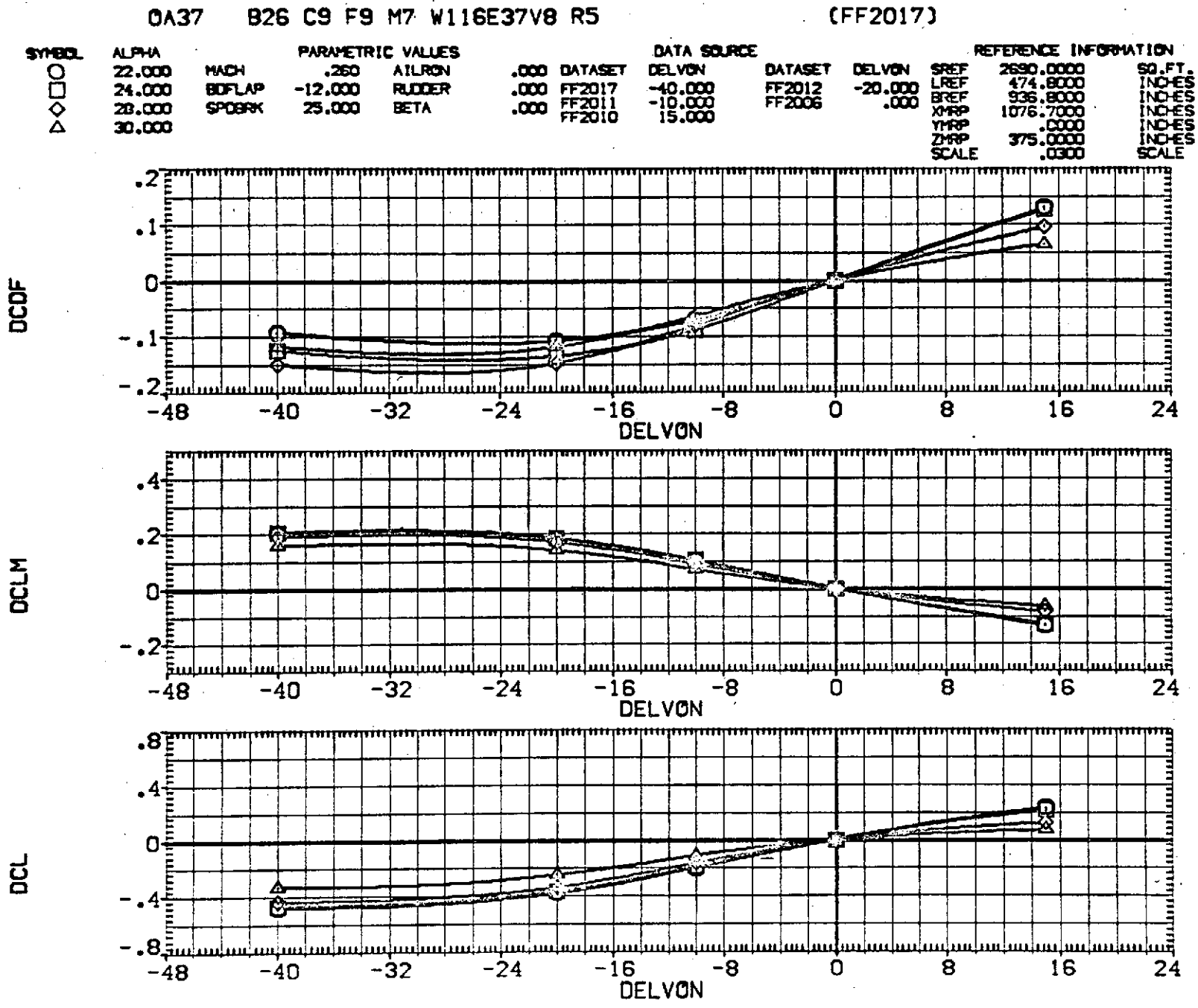


FIG 11 ELEVON EFFECTIVENESS, SPDBRK = 25 DEG., BDFLAP = -11.7

SYMBOL	ALPHA	PARAMETRIC VALUES				DATA SOURCE				REFERENCE INFORMATION		
○	-4.000	MACH	.260	AILRON	.000	DATASET	DELVON	DATASET	DELVON	SREF	2690.0000	SQ.FT.
□	-2.000	BDFLAP	-12.000	RUDDER	.000	FF2017	-40.000	FF2012	-20.000	LREF	474.8000	INCHES
◇	-1.000	SPDBRK	25.000	BETA	.000	FF2011	-10.000	FF2006	.000	BREF	936.8000	INCHES
△	.000					FF2010	15.000			XMRP	1076.7000	INCHES
◁	1.000									YMRP	.0000	INCHES
										ZMRP	375.0000	INCHES
										SCALE	.0300	SCALE

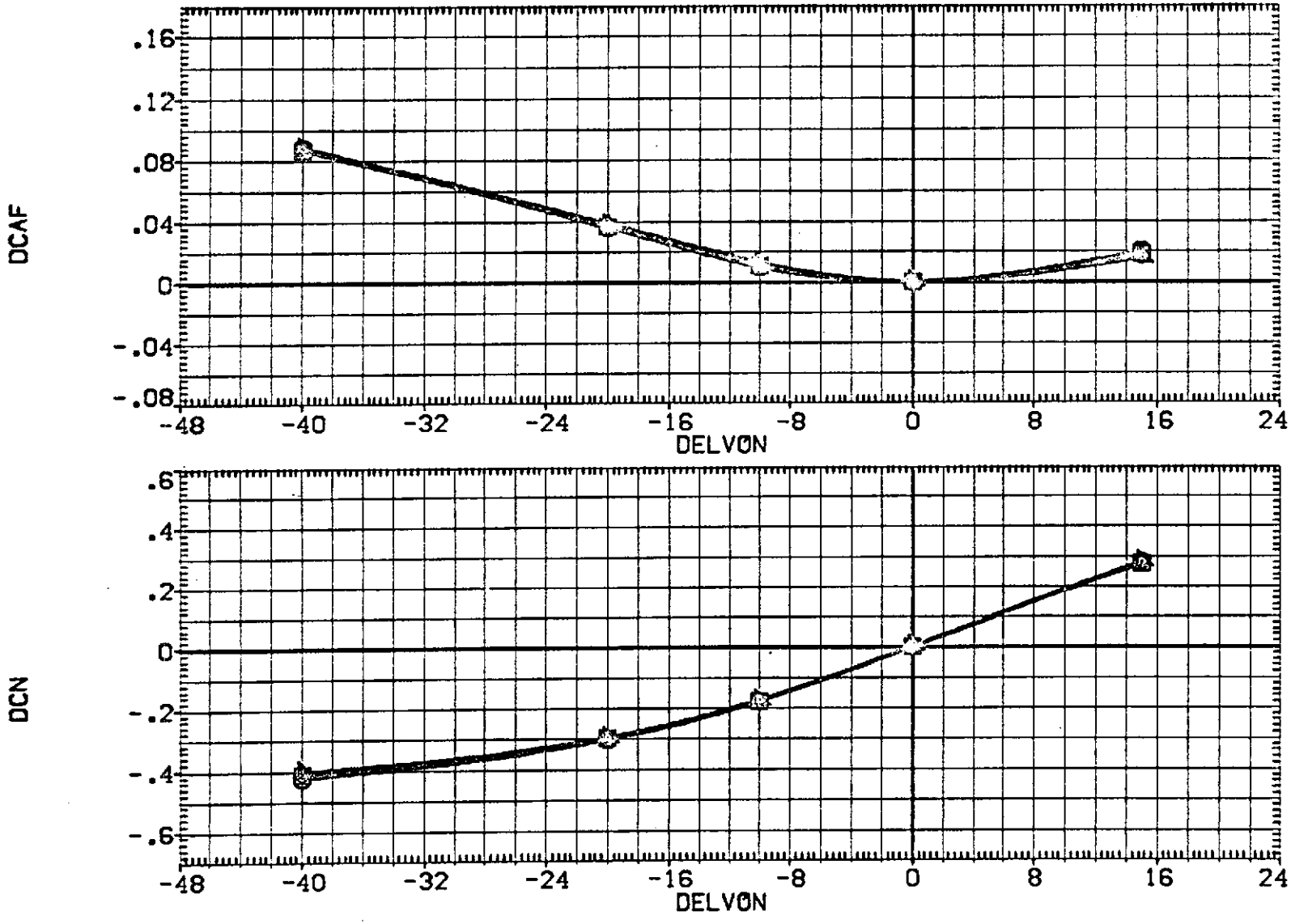


FIG 11 ELEVON EFFECTIVENESS, SPDBRK = 25 DEG., BDFLAP = -11.7

0A37 B26 C9 F9 M7 W116E37V8 R5 (FF2017)

SYMBOL	ALPHA	PARAMETRIC VALUES				DATA SOURCE				REFERENCE INFORMATION		
○	2.000	MACH	.260	AILRON	.000	DATASET	DELVON	DATASET	DELVON	SREF	2690.0000	SQ.FT.
□	4.000	BDFLAP	-12.000	RUDDER	.000	FF2017	-40.000	FF2012	-20.000	LREF	474.8000	INCHES
◇	6.000	SPDBRK	25.000	BETA	.000	FF2011	-10.000	FF2006	.000	BREF	936.8000	INCHES
△	8.000					FF2010	15.000			XMRP	1076.7000	INCHES
◺	10.000									YMRP	.0000	INCHES
										ZMRP	375.0000	INCHES
										SCALE	.0300	SCALE

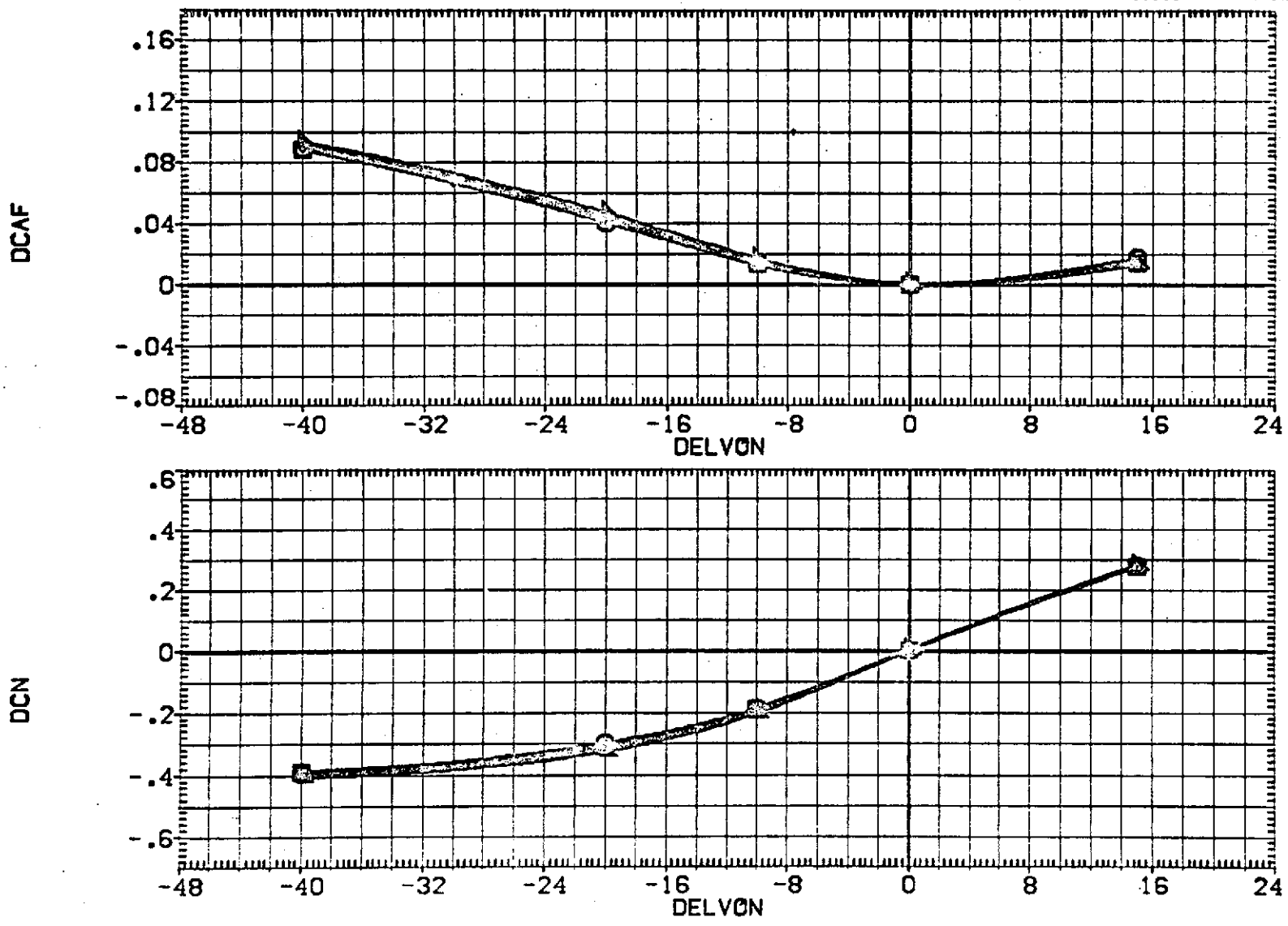


FIG 11 ELEVON EFFECTIVENESS, SPDBRK = 25 DEG., BDFLAP = -11.7

SYMBOL	ALPHA	PARAMETRIC VALUES				DATA SOURCE				REFERENCE INFORMATION		
○	12.000	MACH	.260	AILRON	.000	DATASET	DELVON	DATASET	DELVON	SREF	2690.0000	SQ.FT.
□	14.000	BDFLAP	-12.000	RUDDER	.000	FF2017	-40.000	FF2012	-20.000	LREF	474.8000	INCHES
◇	16.000	SPDBRK	25.000	BETA	.000	FF2011	-10.000	FF2006	.000	BREF	936.8000	INCHES
△	18.000					FF2010	15.000			XMRP	1076.7000	INCHES
◿	20.000									YMRP	.0000	INCHES
										ZMRP	375.0000	INCHES
										SCALE	.0300	SCALE

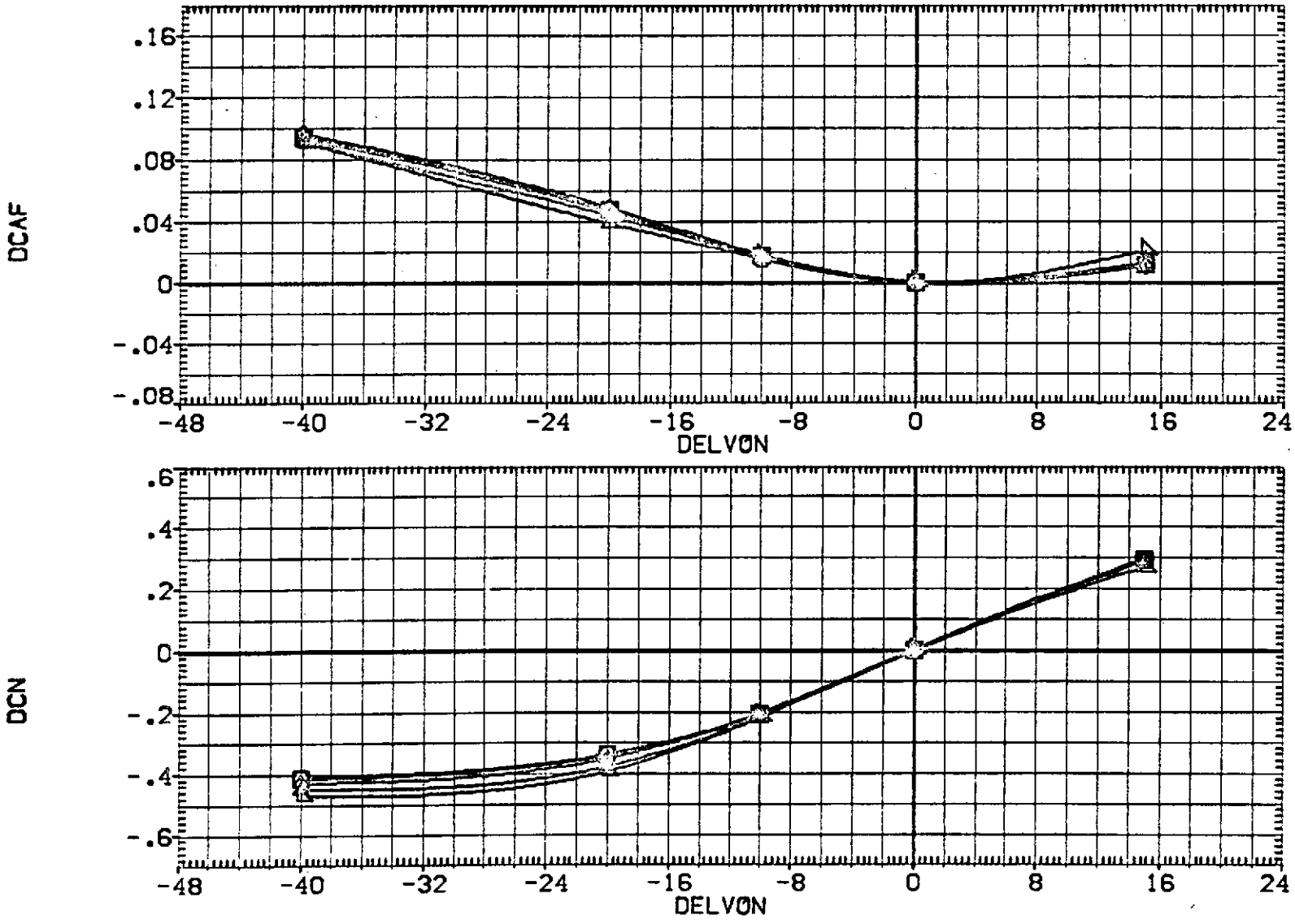


FIG 11 ELEVON EFFECTIVENESS, SPDBRK = 25 DEG., BDFLAP = -11.7

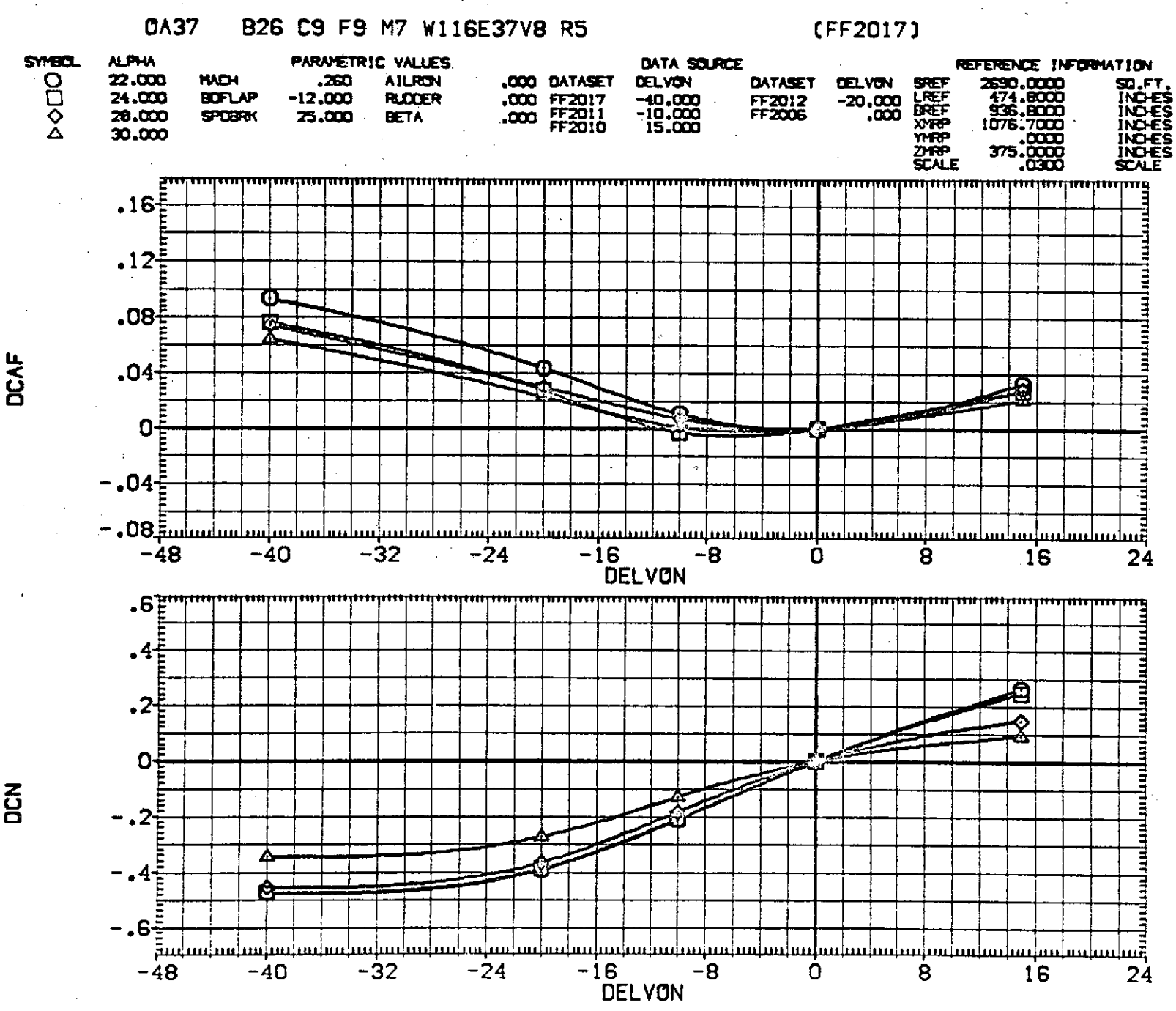


FIG 11 ELEVON EFFECTIVENESS, SPDBRK = 25 DEG., BDFLAP = -11.7

0A37 B26 C9 F9 M7 W116 E37 V8 R5 (EF2017)

SYMBOL	ALPHA		PARAMETRIC VALUES			DATA SOURCE				REFERENCE INFORMATION		
○	-4.000	MACH	.260	BETA	.000	DATASET	ELEVON	DATASET	ELEVON	SREF	2690.0000	SQ.FT.
□	-2.000	BDFLAP	-11.700	AILRON	.000	EF2017	-40.000	EF2012	-20.000	LREF	474.8000	INCHES
◇	-1.000	RUDDER	.000	SPDBRK	25.000	EF2011	-10.000	EF2006	.000	BREF	936.8000	INCHES
△	.000					EF2010	15.000			XMRP	1076.7000	INCHES
◁	1.000									YMRP	.0000	INCHES
										ZMRP	375.0000	INCHES
										SCALE	.0300	

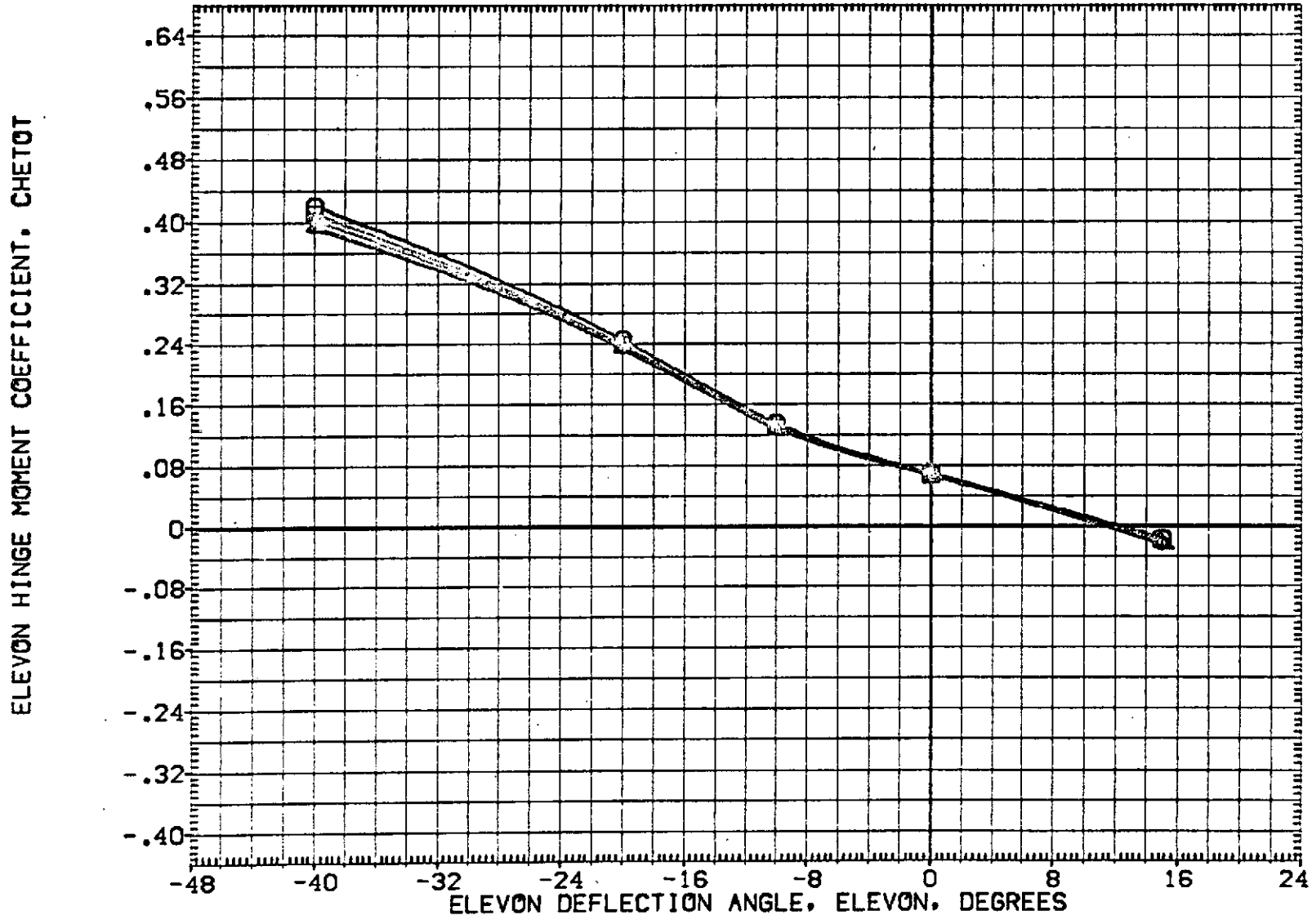


FIG 11 ELEVON EFFECTIVENESS, SPDBRK = 25 DEG., BDFLAP = -11.7

0A37 B26 C9 F9 M7 W116 E37 V8 R5 (EF2017)

SYMBOL	ALPHA	PARAMETRIC VALUES				DATA SOURCE				REFERENCE INFORMATION		
○	2.000	MACH	.260	BETA	.000	DATASET	ELEVON	DATASET	ELEVON	SREF	2690.0000	SQ.FT.
□	4.000	BDFLAP	-11.700	AILRON	.000	EF2017	-40.000	EF2012	-20.000	LREF	474.8000	INCHES
◇	6.000	RUDDER	.000	SPDBRK	25.000	EF2011	-10.000	EF2006	.000	BREF	936.8000	INCHES
△	8.000					EF2010	15.000			XMRP	1076.7000	INCHES
◺	10.000									YMRP	.0000	INCHES
										ZMRP	375.0000	INCHES
										SCALE	.0300	

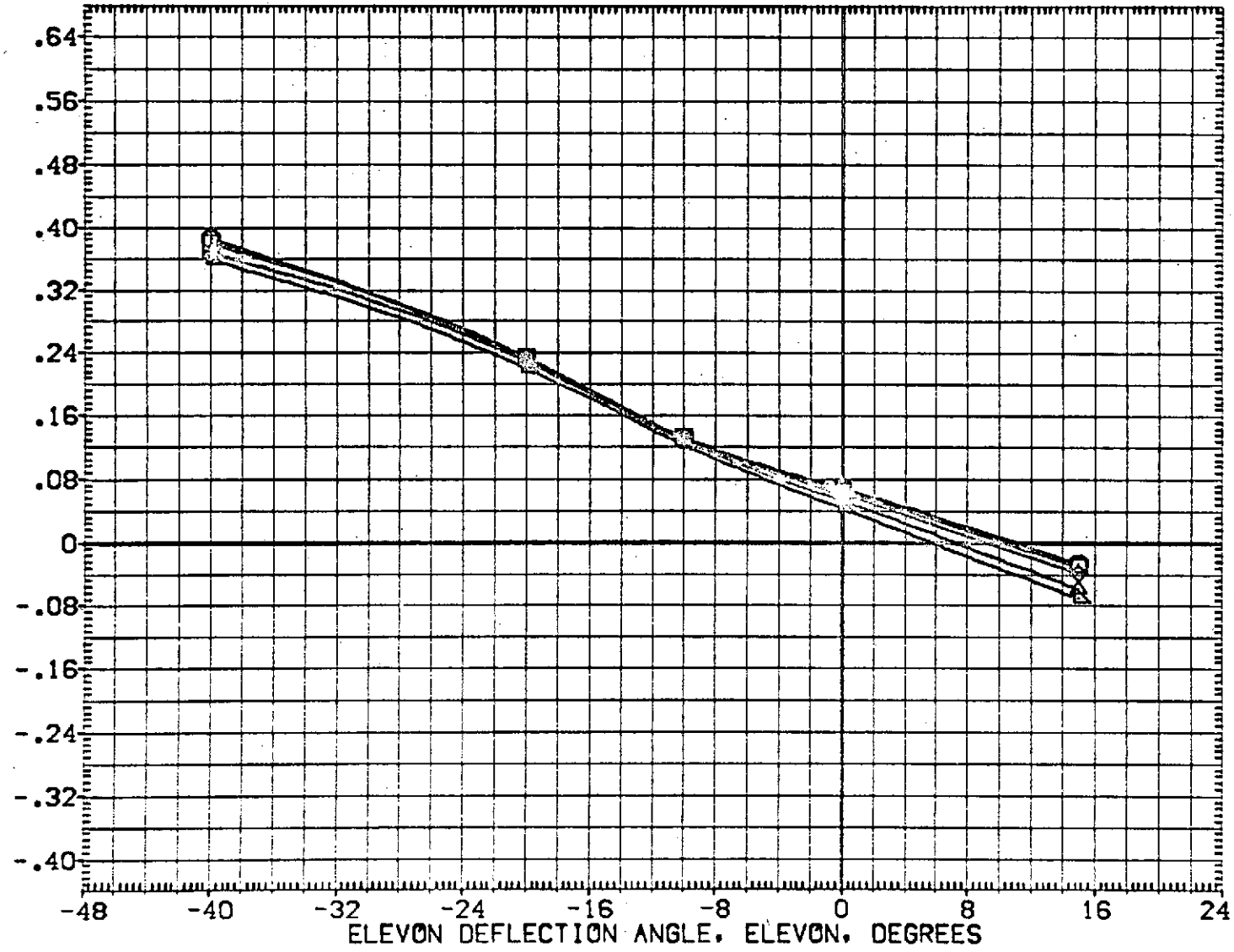


FIG 11 ELEVON EFFECTIVENESS, SPDBRK = 25 DEG., BDFLAP = -11.7

OA37 B26 C9 F9 M7 W116 E37 V8 R5 (EF2017)

SYMBOL	ALPHA	PARAMETRIC VALUES				DATA SOURCE				REFERENCE INFORMATION		
○	12.000	MACH	.260	BETA	.000	DATASET	ELEVON	DATASET	ELEVON	SREF	2690.0000	SQ.FT.
□	14.000	BDFLAP	-11.700	AILRON	.000	EF2017	-40.000	EF2012	-20.000	LREF	474.8000	INCHES
◇	16.000	RUDDER	.000	SPDBRK	25.000	EF2011	-10.000	EF2006	.000	BREF	936.8000	INCHES
△	18.000					EF2010	15.000			XMRP	1076.7000	INCHES
◁	20.000									YMRP	.0000	INCHES
										ZMRP	375.0000	INCHES
										SCALE	.0300	

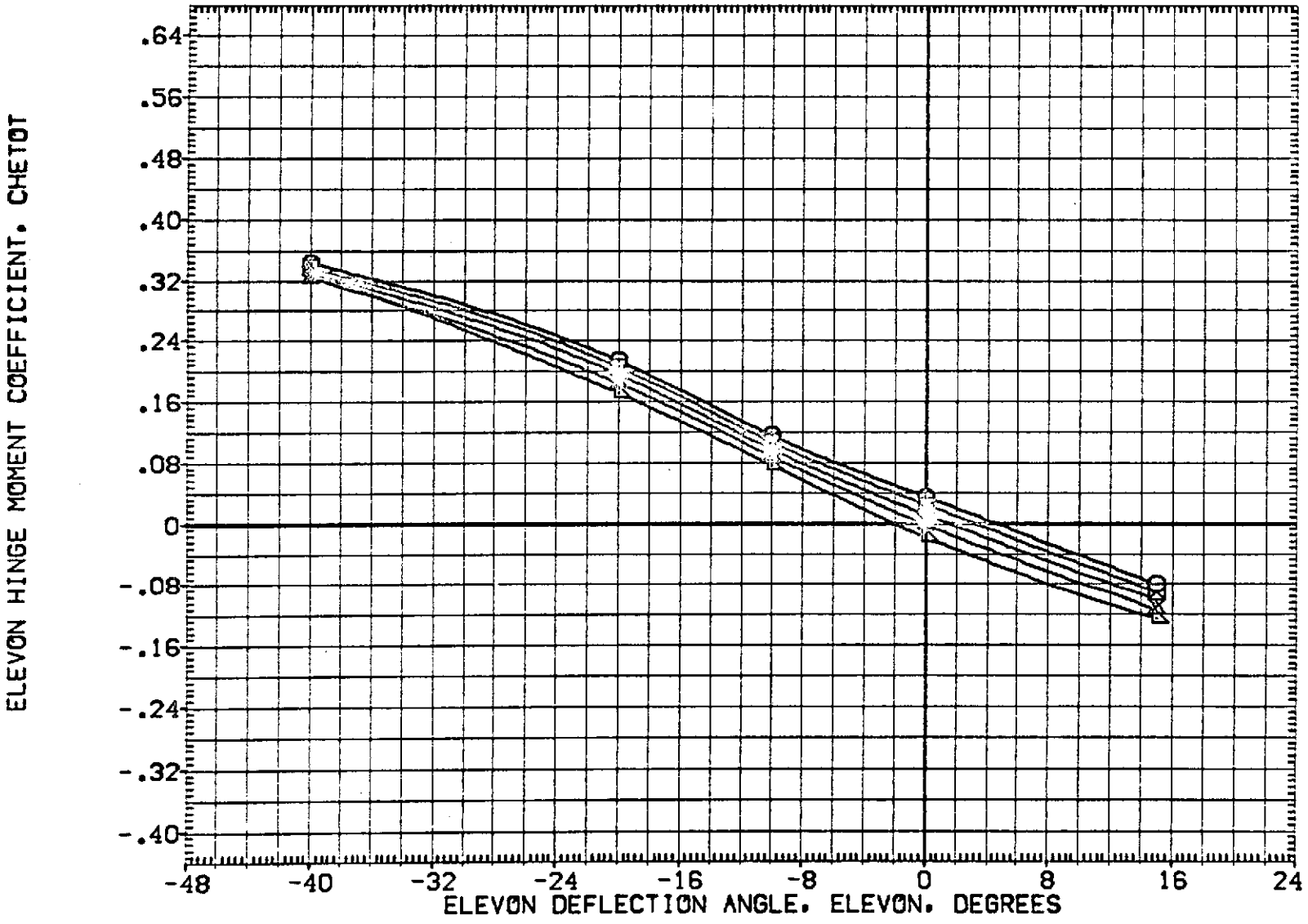


FIG 11 ELEVON EFFECTIVENESS, SPDBRK = 25 DEG., BDFLAP = -11.7

0A37 B26 C9 F9 M7 W116 E37 V8 R5 (EF2017)

SYMBOL	ALPHA	PARAMETRIC VALUES				DATA SOURCE				REFERENCE INFORMATION		
○	22.000	MACH	.200	BETA	.000	DATASET	ELEVON	DATASET	ELEVON	SREF	2690.0000	SQ.FT.
□	24.000	BDFLAP	-11.700	AILRON	.000	EF2017	-40.000	EF2012	-20.000	LREF	474.8000	INCHES
◇	28.000	RUDDER	.000	SPDBRK	25.000	EF2011	-10.000	EF2006	.000	BREF	936.0000	INCHES
△	30.000					EF2010	15.000			XMRP	1076.7000	INCHES
										YMRP	.0000	INCHES
										ZMRP	375.0000	INCHES
										SCALE	.0300	

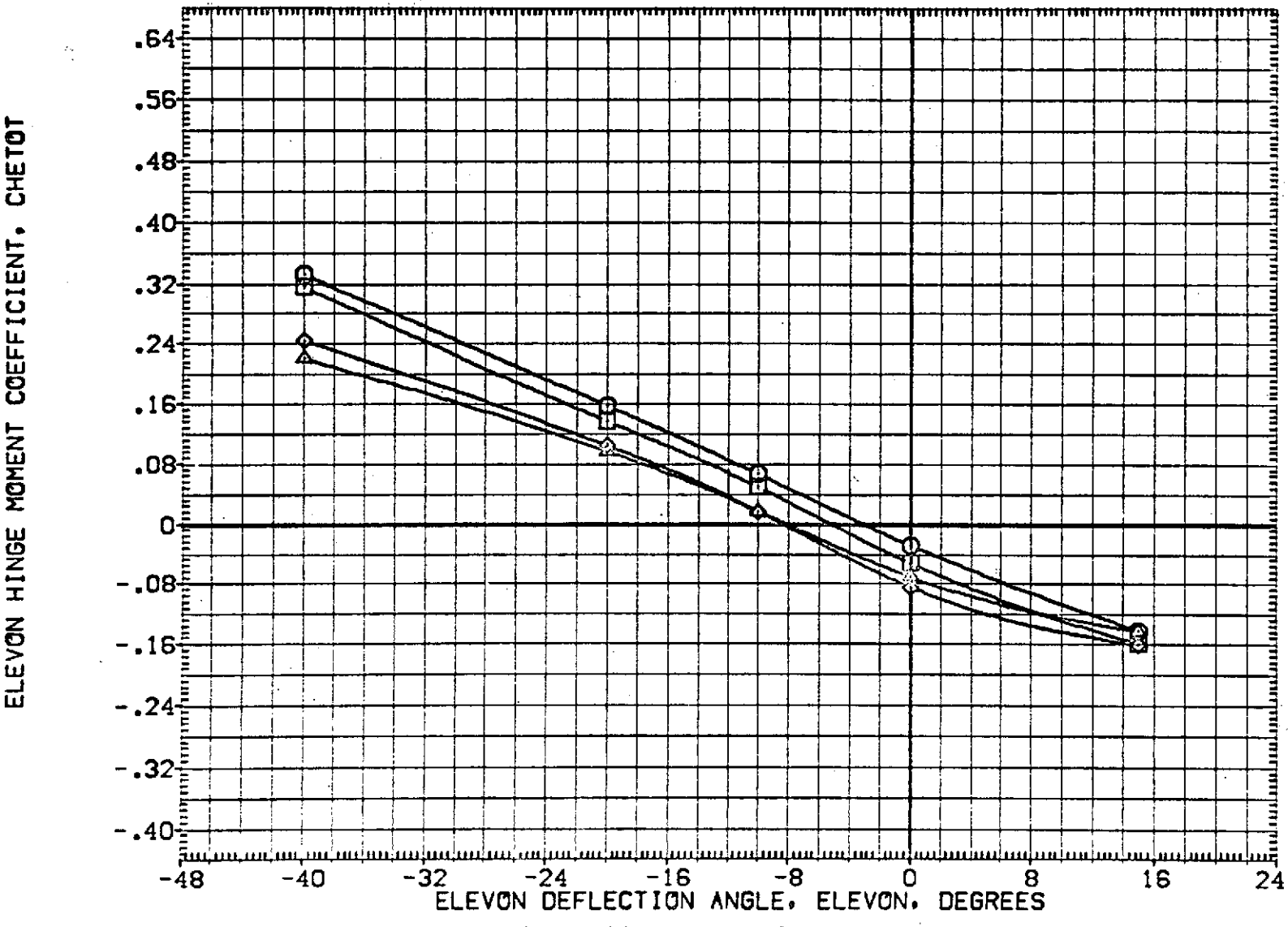


FIG 11 ELEVON EFFECTIVENESS, SPDBRK = 25 DEG., BDFLAP = -11.7

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(BF2017)	○	0A37 B26 C9 F9 M7 W116 E37 V8 R5
(BF2012)	□	0A37 B26 C9 F9 M7 W116 E37 V8 R5
(BF2011)	◇	0A37 B26 C9 F9 M7 W116 E37 V8 R5
(BF2006)	△	0A37 B26 C9 F9 M7 W116 E37 V8 R5
(BF2010)	▽	0A37 B26 C9 F9 M7 W116 E37 V8 R5

ELEVON	BDFLAP	SPDBRK	RUDDER
-40.000	-11.700	25.000	.000
-20.000	-11.700	25.000	.000
-10.000	-11.700	25.000	.000
.000	-11.700	25.000	.000
15.000	-11.700	25.000	.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.8000	INCHES
BREF	936.8000	INCHES
XMRP	1076.7000	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0300	

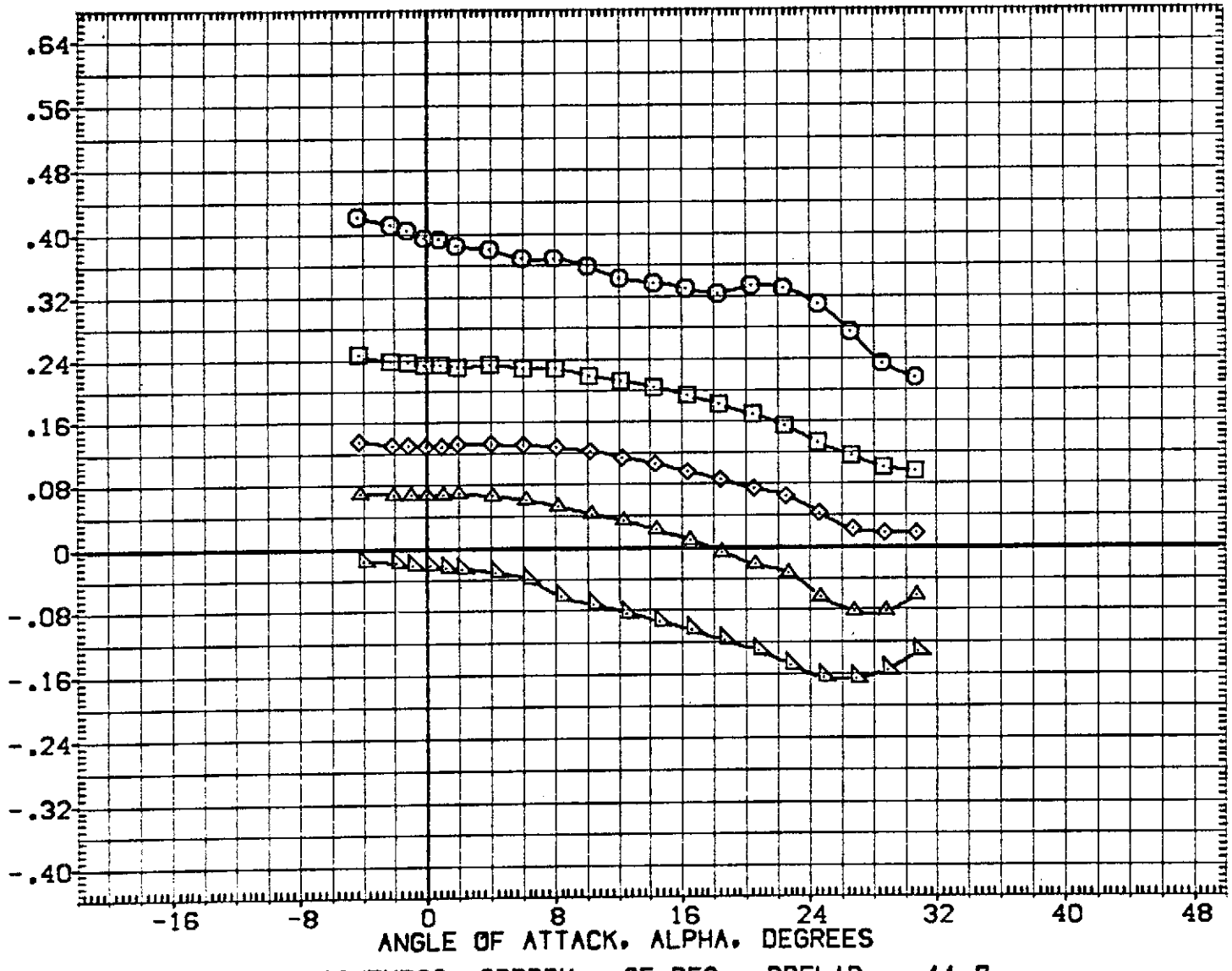


FIG 11 ELEVON EFFECTIVENESS, SPDBRK = 25 DEG., BDFLAP = -11.7

(A)MACH = .26

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(NF2017)	□	0A37 B26 C9 F9 M7 V116 E37 V8 R5
(NF2012)	◇	0A37 B26 C9 F9 M7 V116 E37 V8 R5
(NF2011)	△	0A37 B26 C9 F9 M7 V116 E37 V8 R5
(NF2006)	◁	0A37 B26 C9 F9 M7 V116 E37 V8 R5
(NF2010)	▷	0A37 B26 C9 F9 M7 V116 E37 V8 R5

DELVON	BDFLAP	SPDBRK	RUDDER
-40.000	-11.700	25.000	.000
-20.000	-11.700	25.000	.000
-10.000	-11.700	25.000	.000
.000	-11.700	25.000	.000
15.000	-11.700	25.000	.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.8000	INCHES
BREF	936.8000	INCHES
XMRP	1076.7000	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0300	

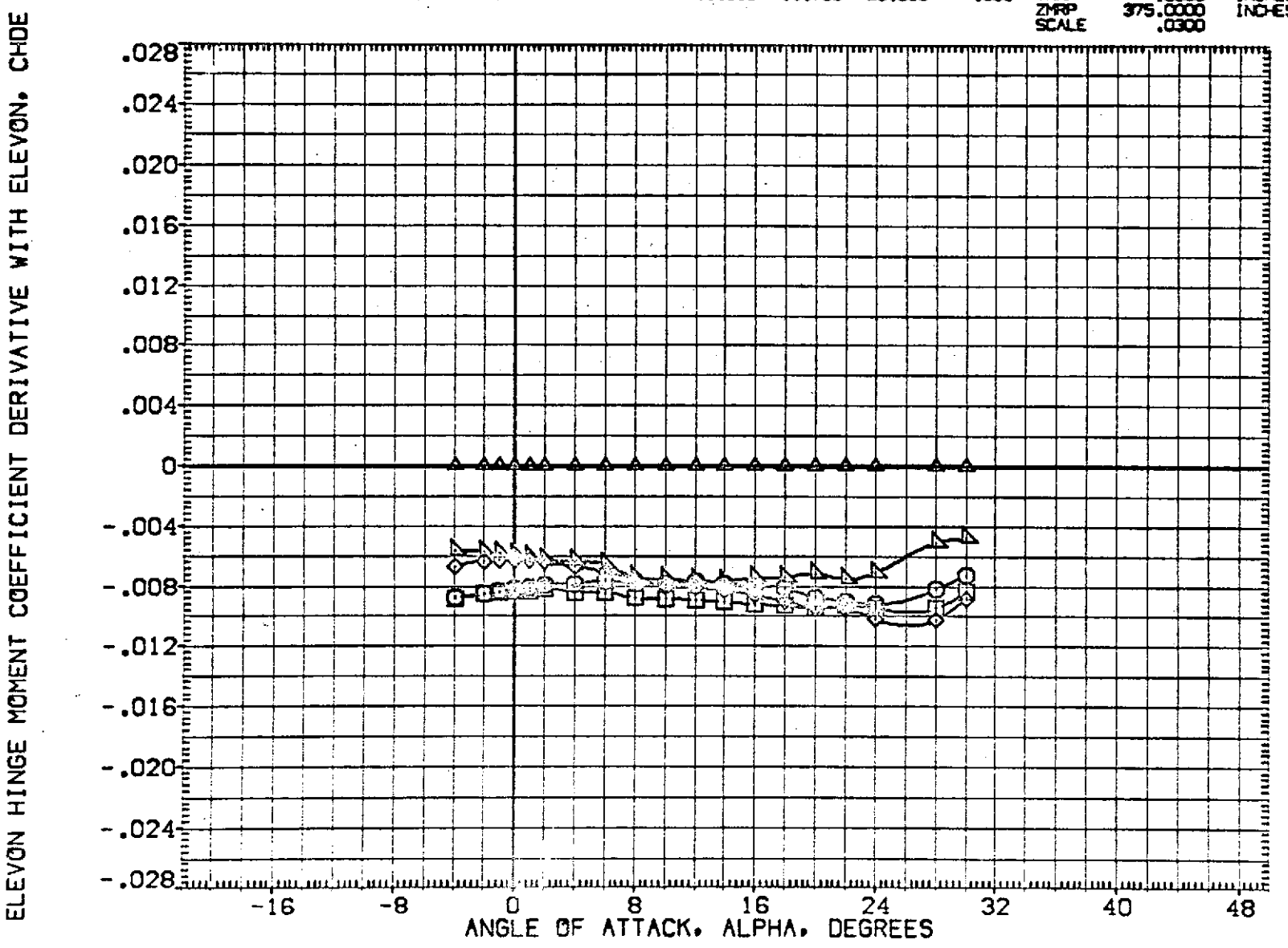


FIG 11 ELEVON EFFECTIVENESS, SPDBRK = 25 DEG., BDFLAP = -11.7

(A)MACH = .26

DATA SET SYMBOL		CONFIGURATION DESCRIPTION	AILRON	SPOBRK	RUDDER	BOFLAP
(RF2006)	○	BA37 B26 C9 F9 H7 V11GE37V8 R5	.000	25.000	.000	-12.000
(RF2025)	□	BA37 B26 C9 F9 H7 V11GE37V8 R5	5.000	25.000	.000	-12.000
(RF2021)	◇	BA37 B26 C9 F9 H7 V11GE37V8 R5	15.000	25.000	.000	-12.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.8000	INCHES
BREF	936.8000	INCHES
XMRP	1076.7000	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0300	SCALE

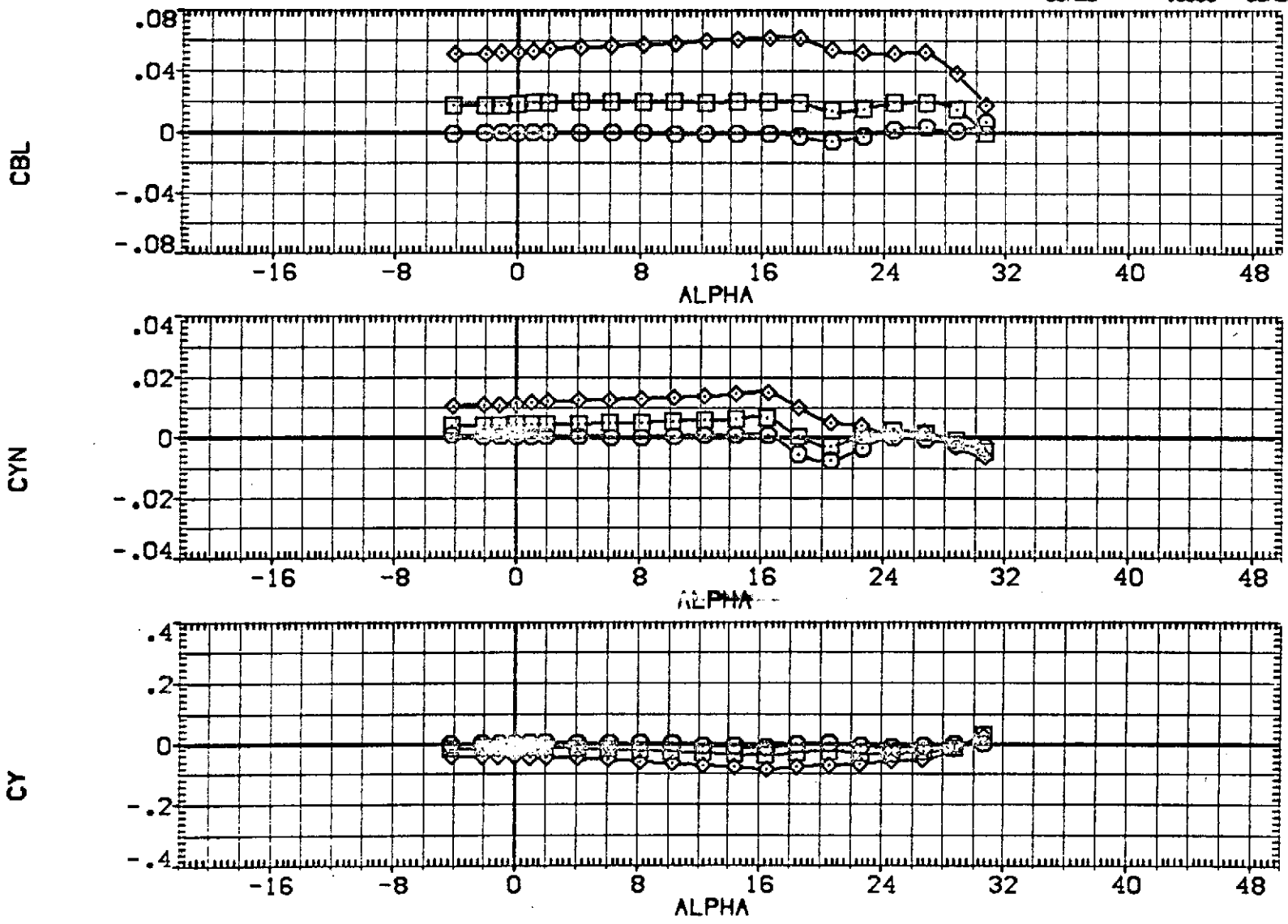


FIG 12 AILERON EFFECTIVENESS, ELEVON = 0 DEG.

(A)MACH = .26

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	DALRON	ELEVON	BOFLAP	SPDBRK
(HF2006)	▭	0A37 B26 C9 F9 M7 V11GE37V8 R5	.000	.000	-12.000	25.000
(HF2025)	▭	0A37 B26 C9 F9 M7 V11GE37V8 R5	5.000	.000	-12.000	25.000
(HF2021)	◇	0A37 B26 C9 F9 M7 V11GE37V8 R5	15.000	.000	-12.000	25.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.8000	INCHES
BREF	936.8000	INCHES
XMRP	1076.7000	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0300	SCALE

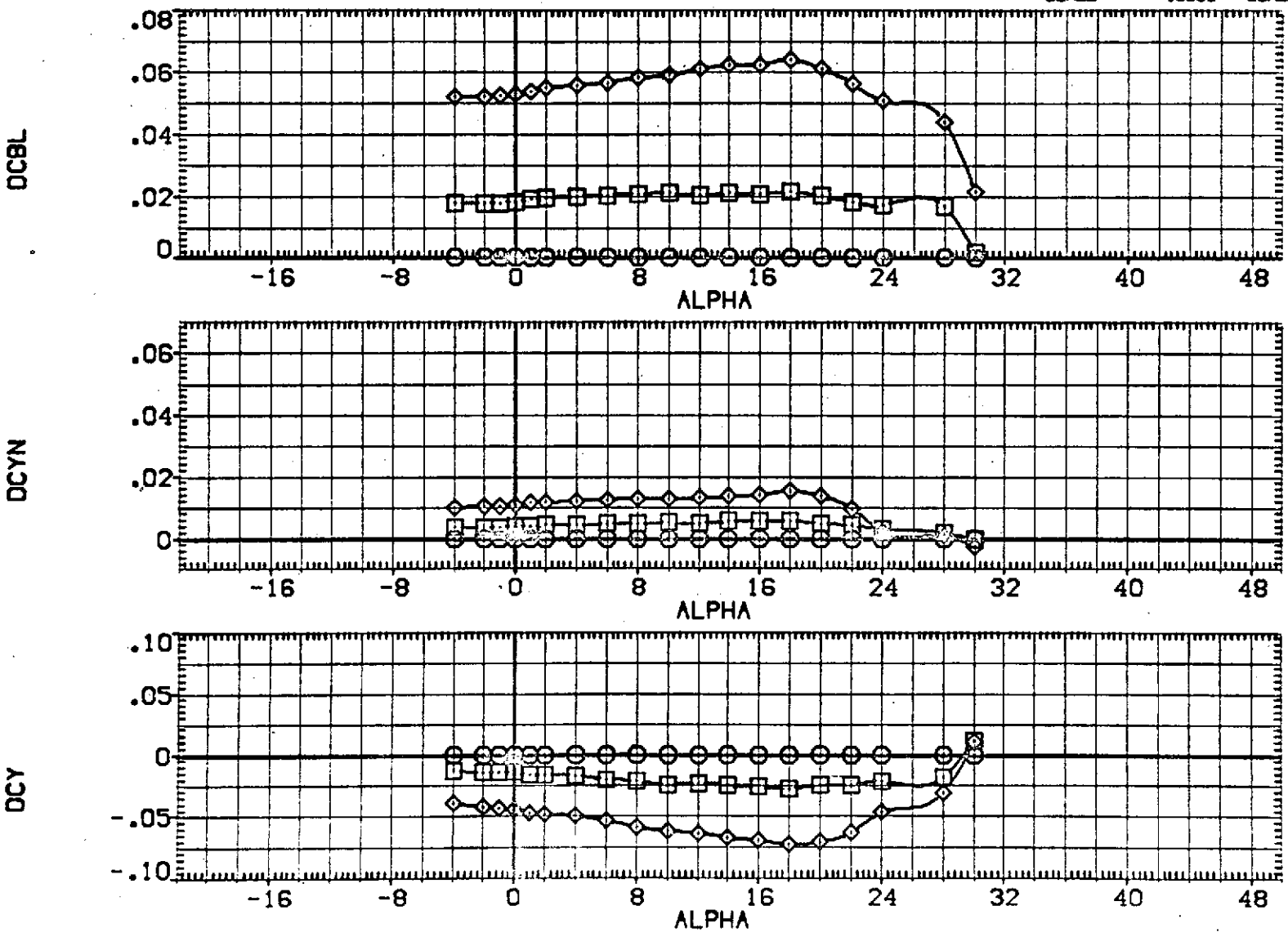


FIG 12 AILERON EFFECTIVENESS, ELEVON = 0 DEG.

(A)MACH = .26

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	DALRON	ELEVON	BOFLAP	SPOBRK
(LF2006)	○	OA37 B26 C9 F9 H7 V11GE37V8 R5	.000	.000	-12.000	25.000
(LF2025)	□	OA37 B26 C9 F9 H7 V11GE37V8 R5	5.000	.000	-12.000	25.000
(LF2021)	◇	OA37 B26 C9 F9 H7 V11GE37V8 R5	15.000	.000	-12.000	25.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.8000	INCHES
BREF	936.0000	INCHES
XMRP	1076.7000	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0300	SCALE

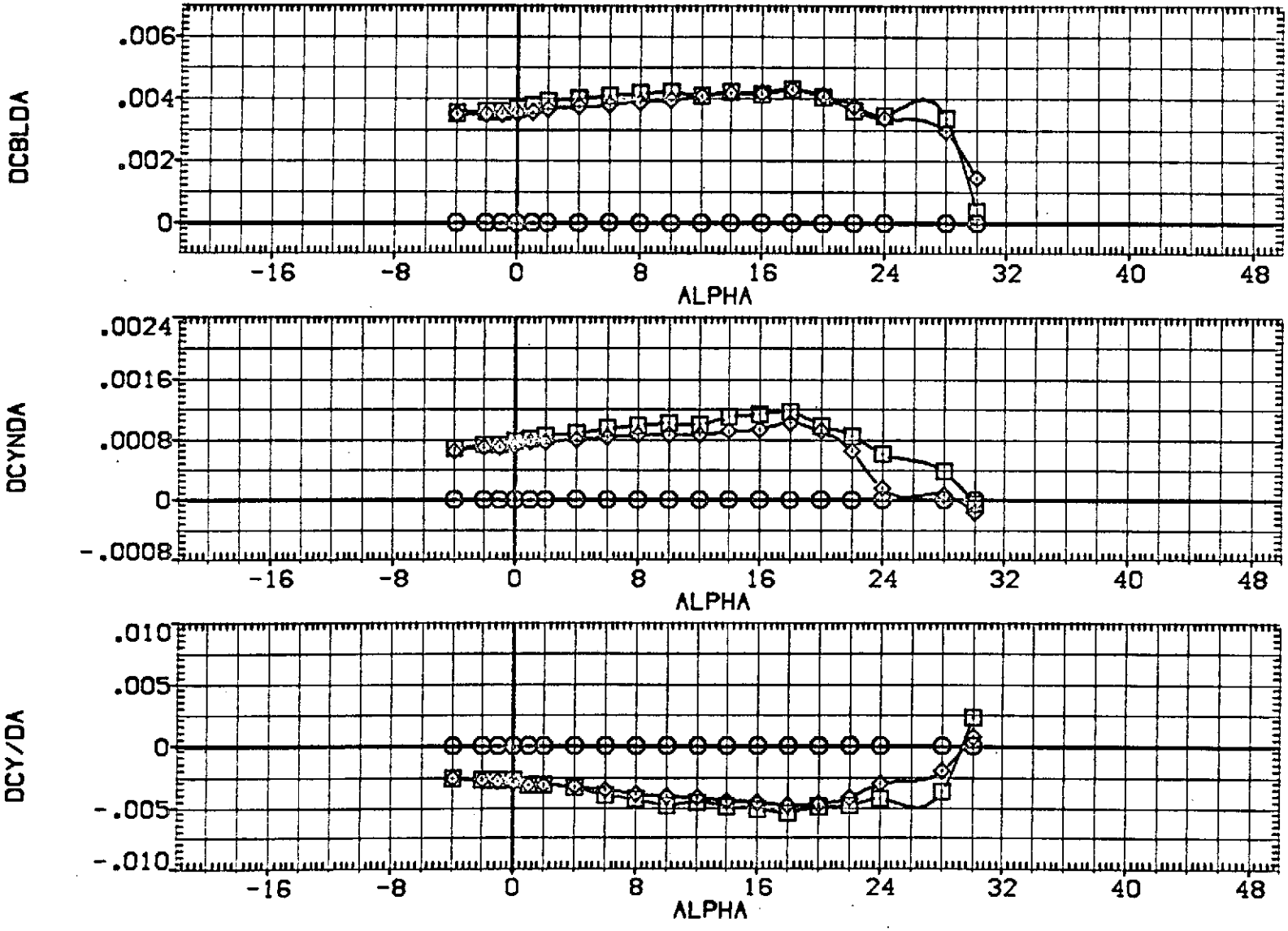


FIG 12 AILERON EFFECTIVENESS, ELEVON = 0 DEG.

(A)MACH = .26

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	AILRON	SPOSRK	RUDDER	BOFLAP
(RF2011)	○	BA37 B2G C9 F9 M7 V11GE37V8 R5	.000	25.000	.000	-12.000
(RF2022)	□	BA37 B2G C9 F9 M7 V11GE37V8 R5	5.000	25.000	.000	-12.000
(RF2020)	◇	BA37 B2G C9 F9 M7 V11GE37V8 R5	10.000	25.000	.000	-12.000
(RF2024)	△	BA37 B2G C9 F9 M7 V11GE37V8 R5	15.000	25.000	.000	-12.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.8000	INCHES
BREF	936.0000	INCHES
XMRP	1076.7000	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0300	SCALE

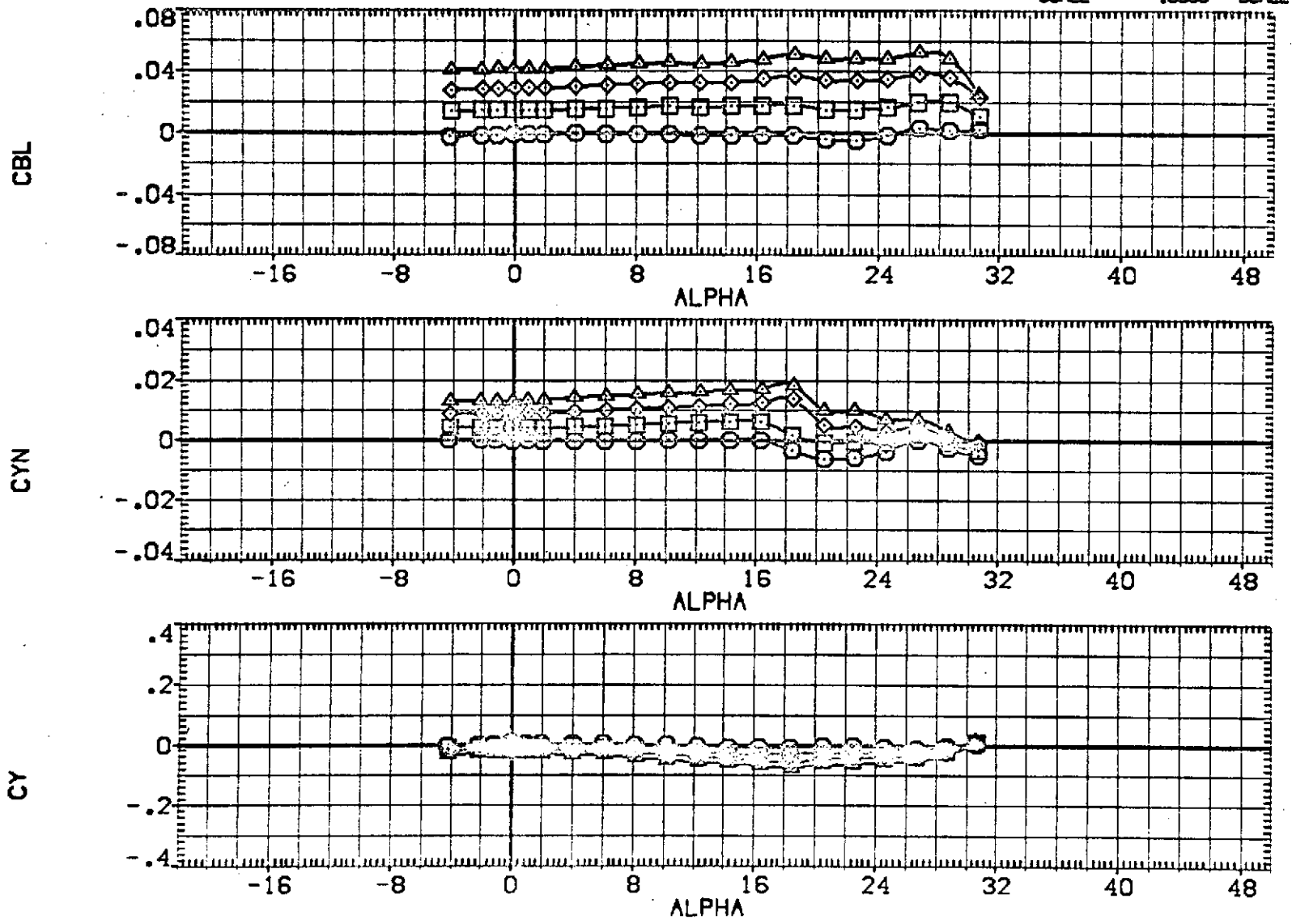


FIG 13 AILERON EFFECTIVENESS, ELEVON = -10 DEG.

(A)MACH = .26

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(HF2011)	○	0A37 B26 C9 F9 M7 V116E37V8 R5
(HF2022)	□	0A37 B26 C9 F9 M7 V116E37V8 R5
(HF2020)	⊠	0A37 B26 C9 F9 M7 V116E37V8 R5
(HF2024)	△	0A37 B26 C9 F9 M7 V116E37V8 R5

DALRON	ELEVON	BOFLAP	SPDBRK
.000	-10.000	-12.000	25.000
5.000	-10.000	-12.000	25.000
10.000	-10.000	-12.000	25.000
15.000	-10.000	-12.000	25.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.8000	INCHES
BREF	936.8000	INCHES
XMRP	1076.7000	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0300	SCALE

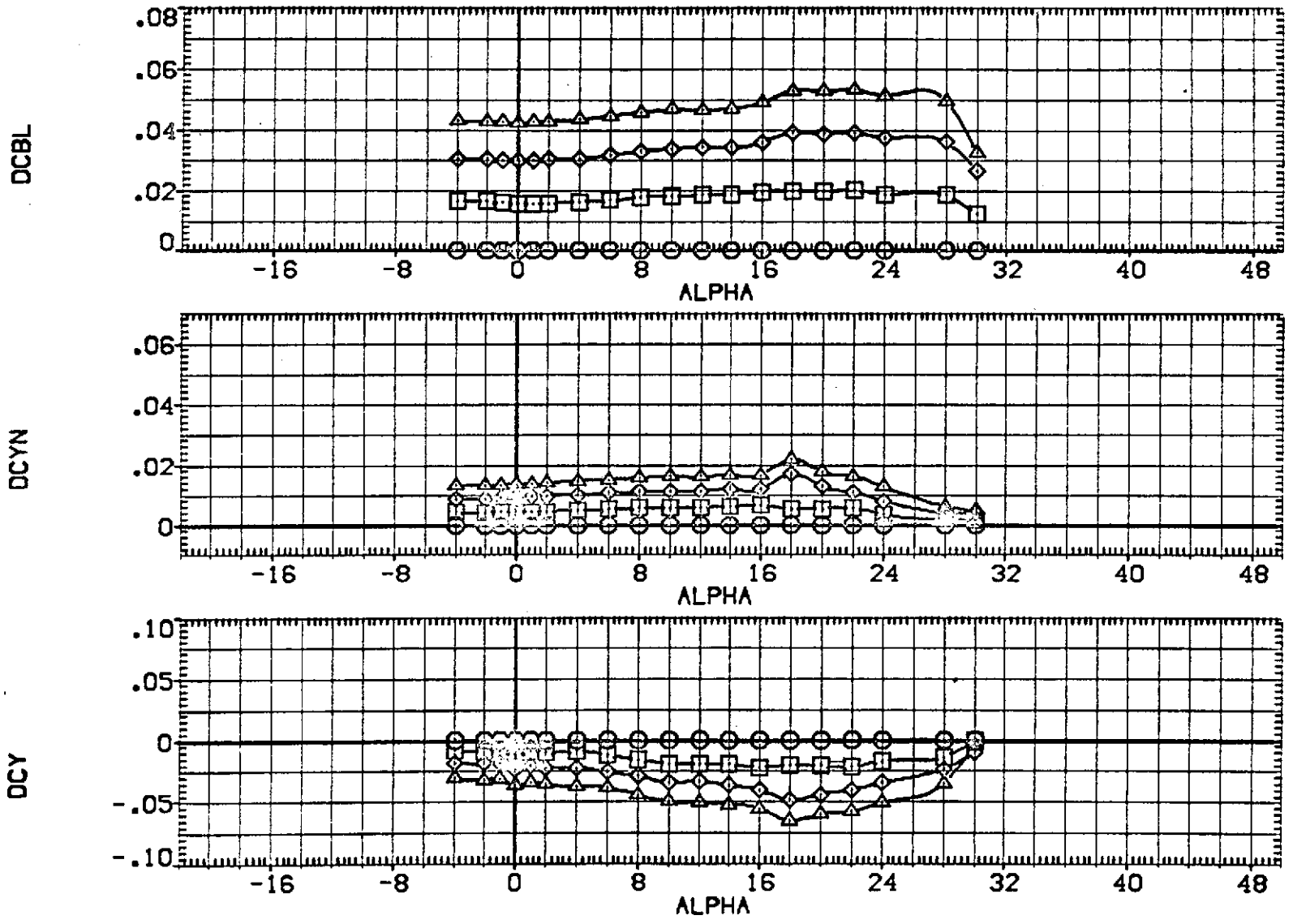


FIG 13 AILERON EFFECTIVENESS, ELEVON = -10 DEG.

(A)MACH = .26

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(LF2011)	○	0A37 B26 C9 F9 H7 V11GE37V8 R5
(LF2022)	□	0A37 B26 C9 F9 H7 V11GE37V8 R5
(LF2020)	◇	0A37 B26 C9 F9 H7 V11GE37V8 R5
(LF2024)	△	0A37 B26 C9 F9 H7 V11GE37V8 R5

DALRON	ELEVON	BOFLAP	SPOBRK
.000	-10.000	-12.000	25.000
5.000	-10.000	-12.000	25.000
10.000	-10.000	-12.000	25.000
15.000	-10.000	-12.000	25.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.8000	INCHES
BREF	936.8000	INCHES
XMRP	1076.7000	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0300	SCALE

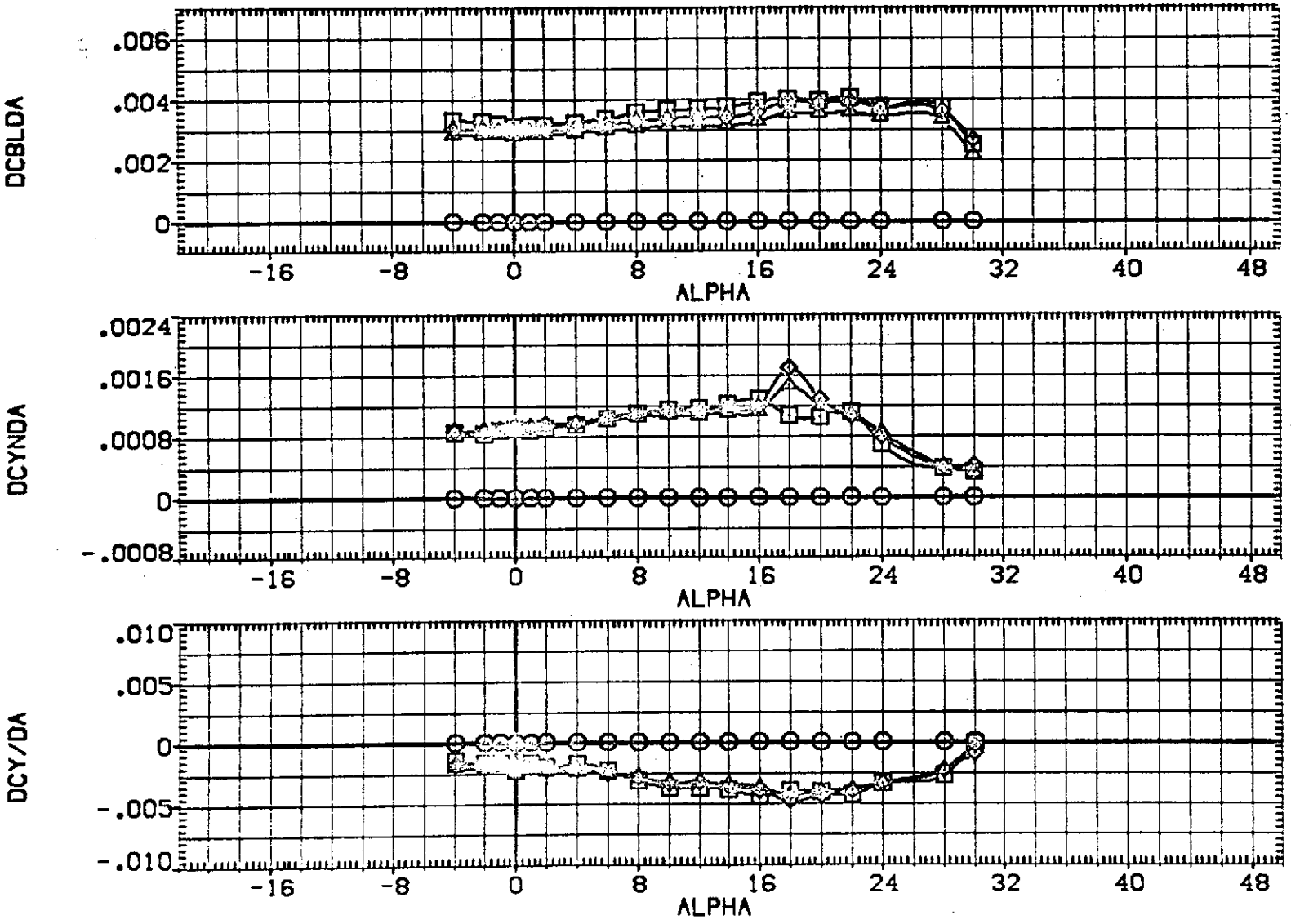


FIG 13 AILERON EFFECTIVENESS, ELEVON = -10 DEG.

(A)MACH = .26

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	AILRON	SPDBRK	RUDDER	BDFLAP
(RF2012)	○	GA37 B26 C9 F9 M7 V11GE37V8 R5	.000	25.000	.000	-12.000
(RF2026)	□	GA37 B26 C9 F9 M7 V11GE37V8 R5	5.000	25.000	.000	-12.000
(RF2023)	◇	GA37 B26 C9 F9 M7 V11GE37V8 R5	15.000	25.000	.000	-12.000
(RF2019)	△	GA37 B26 C9 F9 M7 V11GE37V8 R5	20.000	25.000	.000	-12.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.8000	INCHES
BREF	936.8000	INCHES
XMRP	1076.7000	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0300	SCALE

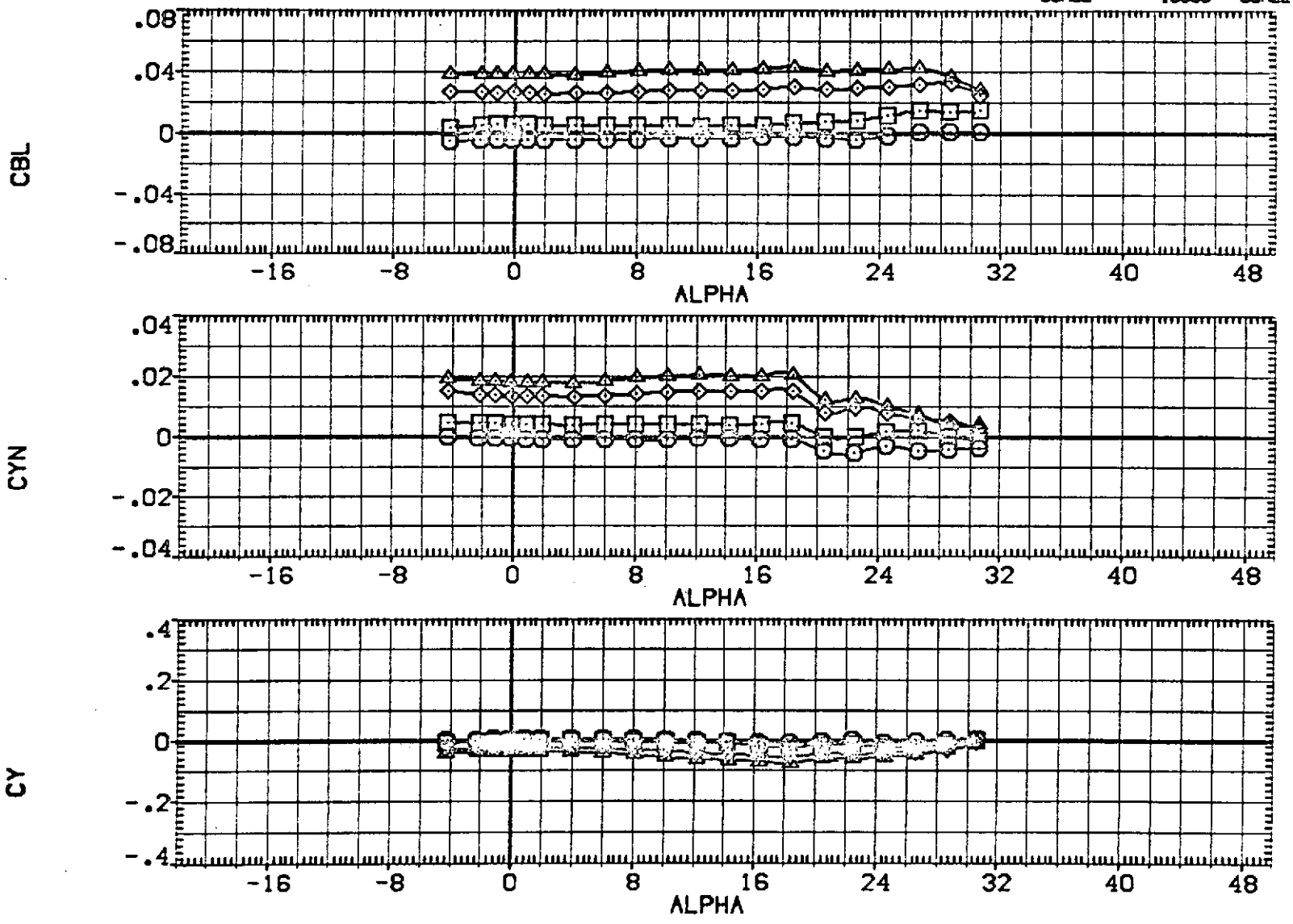


FIG 14 AILERON EFFECTIVENESS, ELEVON = -20 DEG.

(A)MACH = .26

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(HF2012)	○	DA37 B26 C9 F9 M7 V11GE37V8 R5
(HF2025)	□	DA37 B26 C9 F9 M7 V11GE37V8 R5
(HF2023)	◇	DA37 B26 C9 F9 M7 V11GE37V8 R5
(HF2019)	△	DA37 B26 C9 F9 M7 V11GE37V8 R5

DALRON	ELEVON	BOFLAP	SPDBRK
.000	-20.000	-12.000	25.000
5.000	-20.000	-12.000	25.000
15.000	-20.000	-12.000	25.000
20.000	-20.000	-12.000	25.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.8000	INCHES
BREF	936.8000	INCHES
XMRP	1076.7000	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0300	SCALE

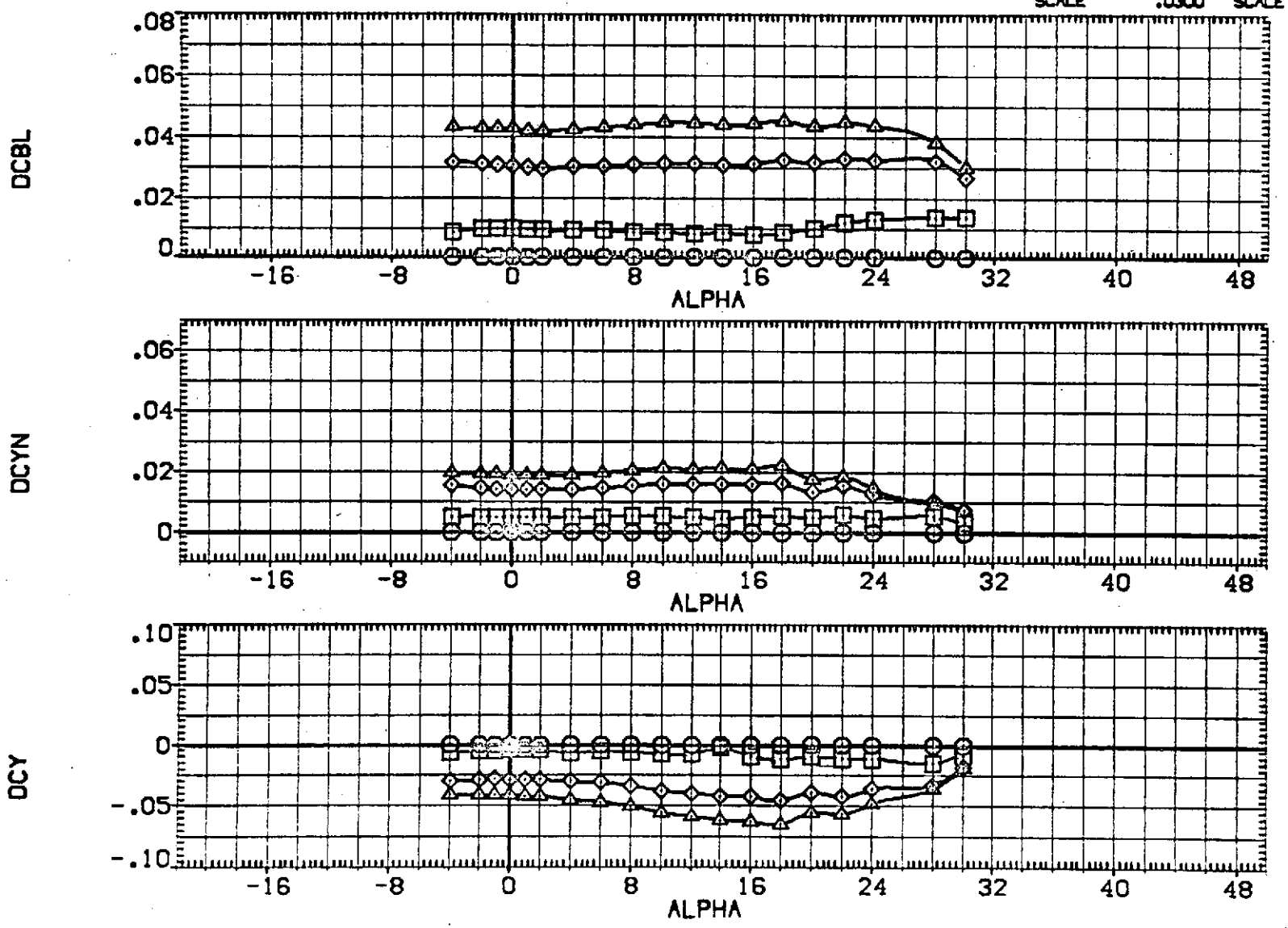


FIG 14 AILERON EFFECTIVENESS, ELEVON = -20 DEG.

(A)MACH = .26

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(LF2012)	○	0A37 B26 C9 F9 M7 W116E37V8 R5
(LF2026)	□	0A37 B26 C9 F9 M7 W116E37V8 R5
(LF2023)	◇	0A37 B26 C9 F9 M7 W116E37V8 R5
(LF2019)	△	0A37 B26 C9 F9 M7 W116E37V8 R5

DALRON	ELEVON	BOFLAP	SPDBRK
.000	-20.000	-12.000	25.000
5.000	-20.000	-12.000	25.000
15.000	-20.000	-12.000	25.000
20.000	-20.000	-12.000	25.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.8000	INCHES
BREF	936.8000	INCHES
XMRP	1076.7000	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0300	SCALE

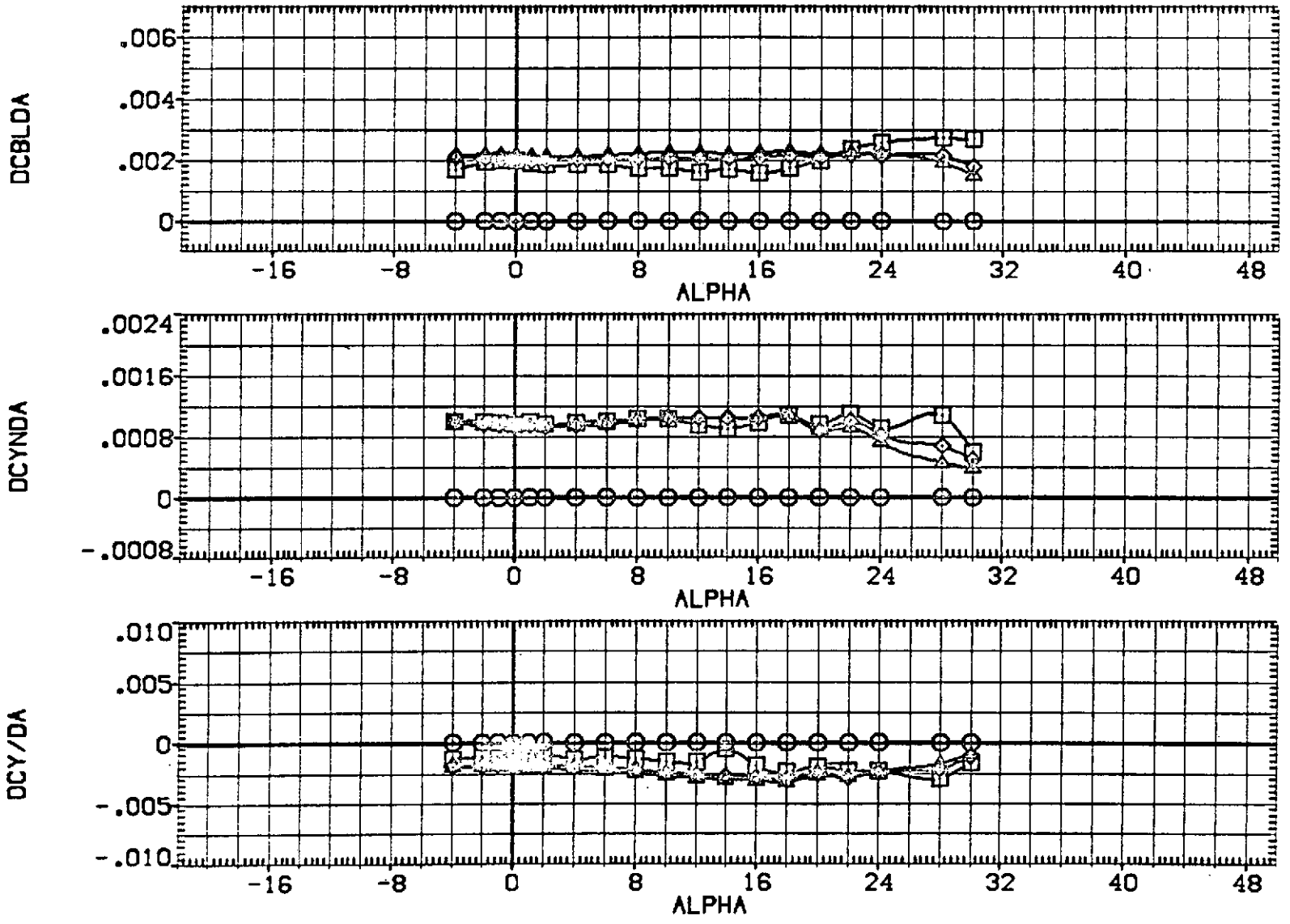


FIG 14 AILERON EFFECTIVENESS, ELEVON = -20 DEG.

(A)MACH = .26

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELEVON	BDFLAP	SPDBRK	RUDDER
(CF2079) ○	0A37 B23 C9 F9 M7 W116E37V8 R5	.000	-12.000	.000	.000
(CF2006) □	0A37 B25 C9 F9 M7 W116E37V8 R5	.000	-12.000	25.000	.000
(CF2027) ◇	0A37 B26 C9 F9 M7 W116E37V8 R5	.000	-12.000	55.000	.000
(CF2036) △	0A37 B26 C9 F9 M7W116E37V8 R5	.000	-12.000	85.000	.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.6000	INCHES
BREF	935.6000	INCHES
XMRP	1076.7000	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0300	SCALE

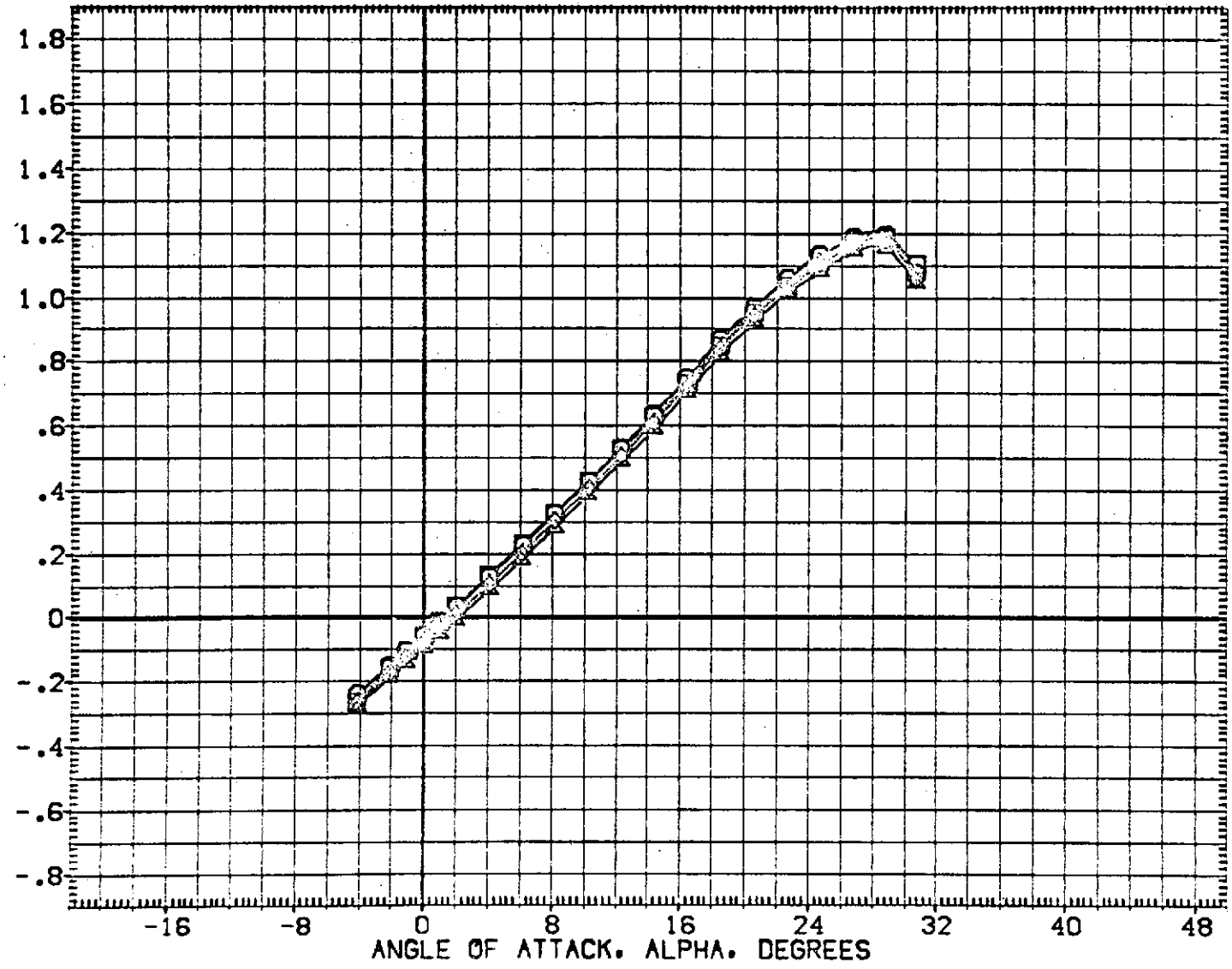


FIG 15 EFFECT OF SPEED BRAKE DEFLECTION ON LONGITUDINAL STABILITY

(A)MACH = .26

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ELEVON	BDFLAP	SPOBRK	RUDDER
(CF2079)	○	0A37 B26 C9 F9 M7 W11GE37V8 R5	.000	-12.000	.000	.000
(CF2026)	□	0A37 B26 C9 F9 M7 W11GE37V8 R5	.000	-12.000	25.000	.000
(CF2027)	◇	0A37 B26 C9 F9 M7 W11GE37V8 R5	.000	-12.000	55.000	.000
(CF2036)	△	0A37 B26 C9 F9 M7W11GE37V8 R5	.000	-12.000	85.000	.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.8000	INCHES
BREF	925.8000	INCHES
XMRP	1076.7000	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0300	SCALE

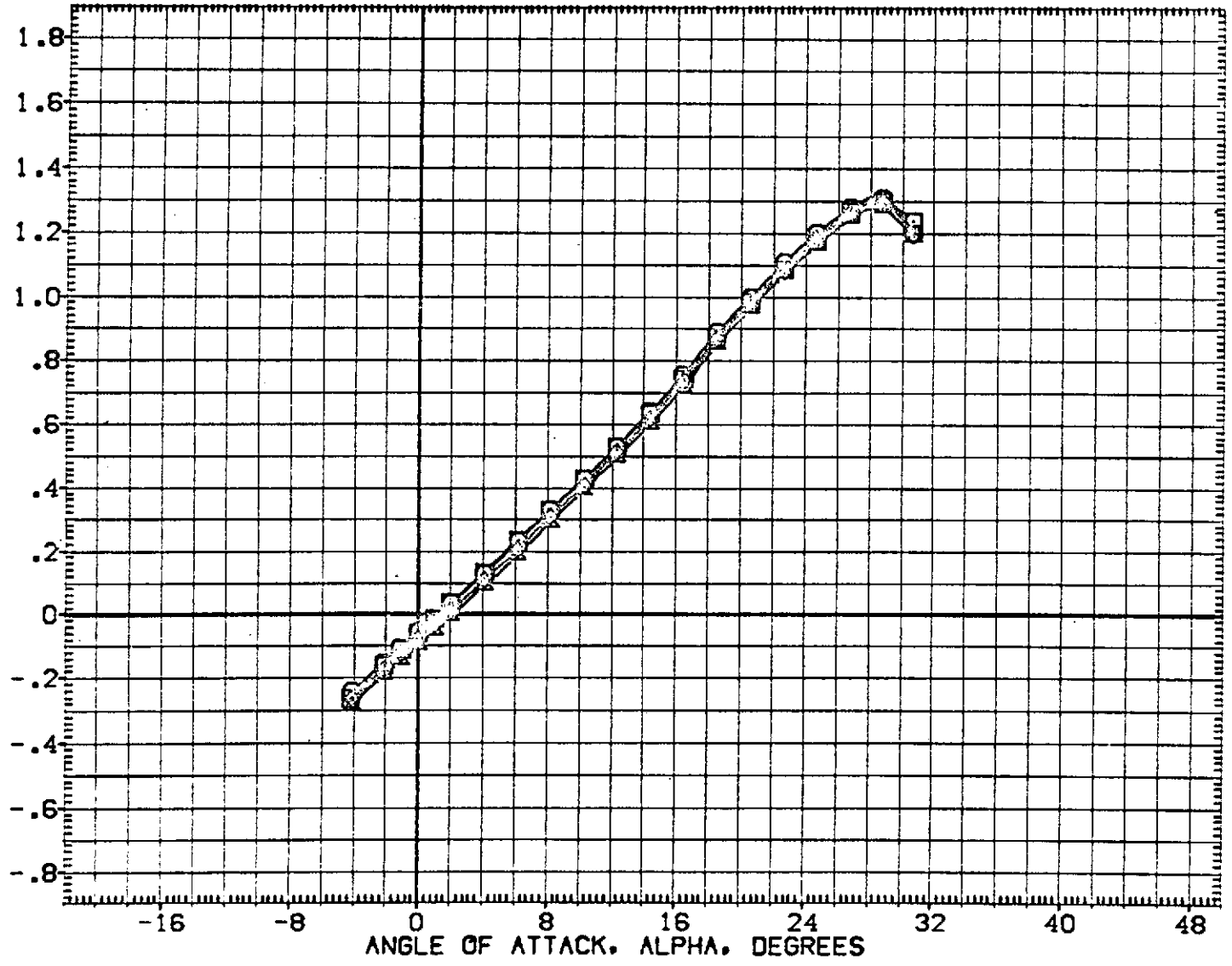


FIG 15 EFFECT OF SPEED BRAKE DEFLECTION ON LONGITUDINAL STABILITY

(A)MACH = .26

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ELEVON	BDFLAP	SPOBRK	RUDDER
(CF2079)	○	0A37 B26 C9 F9 M7 V11GE37V8 R5	.000	-12.000	.000	.000
(CF2006)	□	0A37 B26 C9 F9 M7 V11GE37V8 R5	.000	-12.000	25.000	.000
(CF2027)	⊠	0A37 B26 C9 F9 M7 V11GE37V8 R5	.000	-12.000	55.000	.000
(CF2036)	△	0A37 B26 C9 F9 M7V11GE37V8 R5	.000	-12.000	85.000	.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.8000	INCHES
BREF	936.8000	INCHES
XMRP	1076.7000	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0300	SCALE

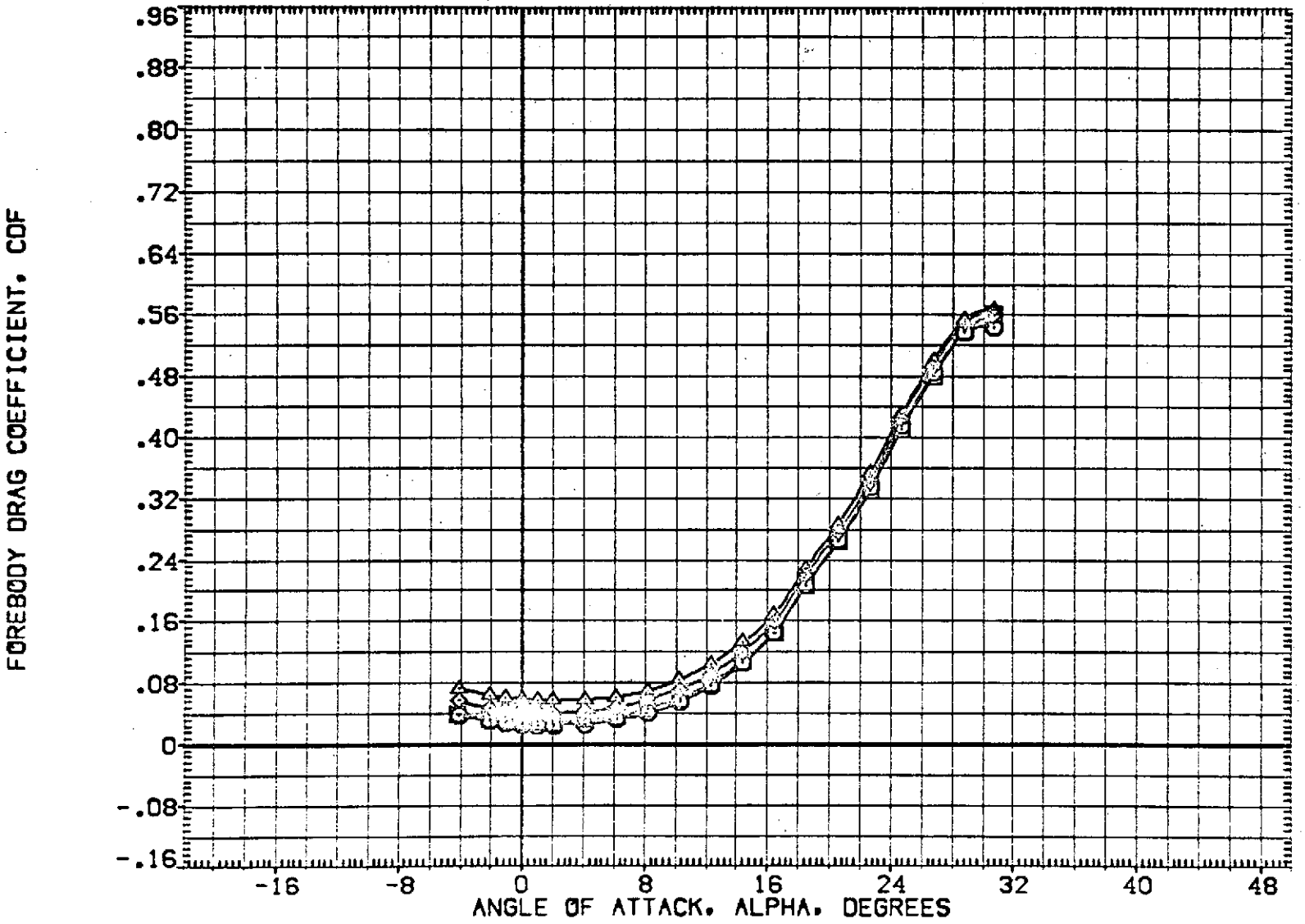


FIG 15 EFFECT OF SPEED BRAKE DEFLECTION ON LONGITUDINAL STABILITY

(A)MACH = .26

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELEVON	BDFLAP	SPDBRK	RUDDER
(CF2079) □	0A37 B26 C9 F9 M7 V116E37V8 R5	.000	-12.000	.000	.000
(CF2026) ◇	0A37 B26 C9 F9 M7 V116E37V8 R5	.000	-12.000	25.000	.000
(CF2027) ◇	0A37 B26 C9 F9 M7 V116E37V8 R5	.000	-12.000	55.000	.000
(CF2036) △	0A37 B26 C9 F9 M7V116E37V8 R5	.000	-12.000	85.000	.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.8000	INCHES
BREF	933.6000	INCHES
XMRP	1076.7000	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0300	SCALE

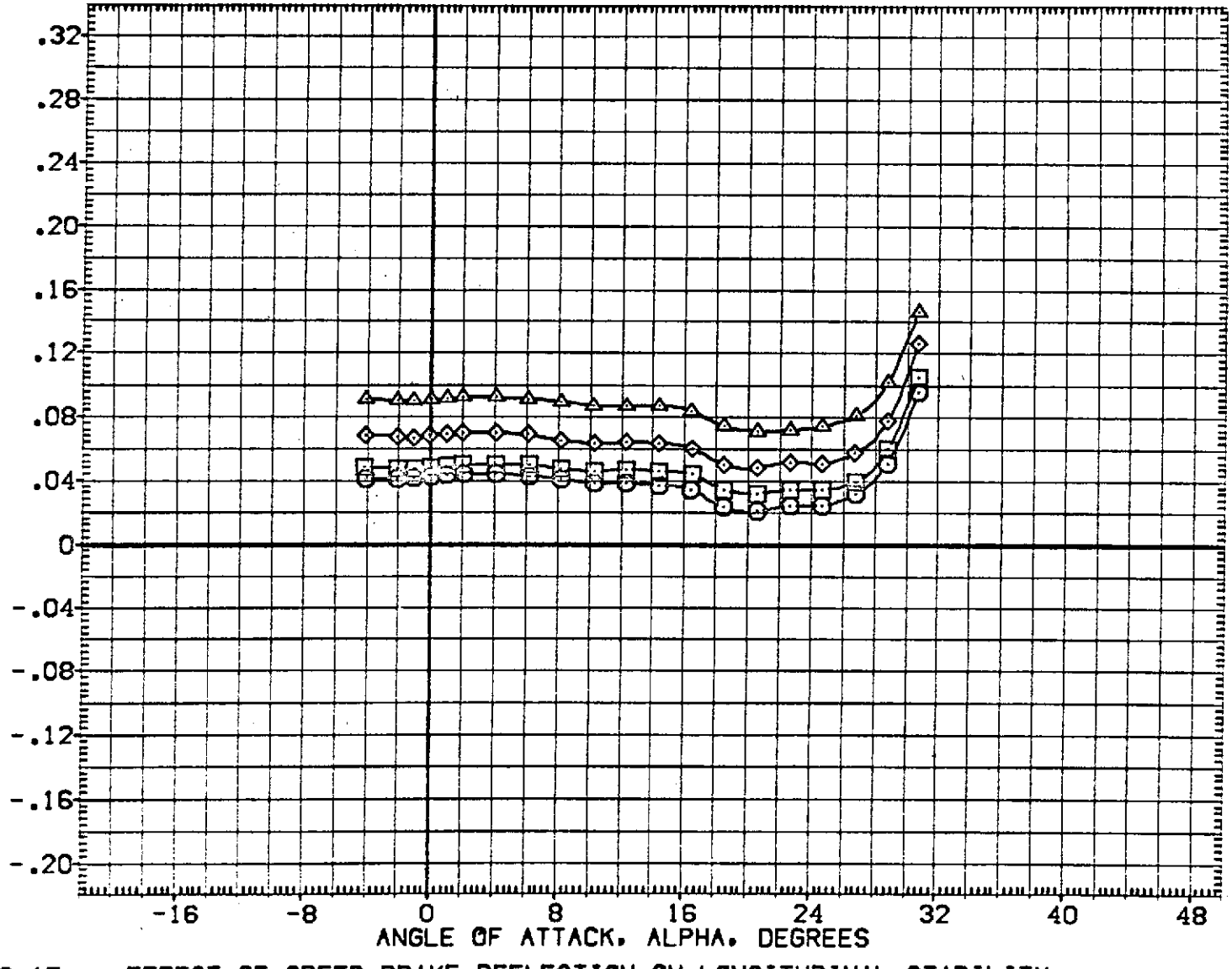


FIG 15 EFFECT OF SPEED BRAKE DEFLECTION ON LONGITUDINAL STABILITY

(A)MACH = .26

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ELEVON	BOFLAP	SPOBRK	RUDDER
(CF2079)	○	OA37 B26 C9 F9 M7 W116E37V8 R5	.000	-12.000	.000	.000
(CF2036)	□	OA37 B26 C9 F9 M7 W116E37V8 R5	.000	-12.000	25.000	.000
(CF2077)	◇	OA37 B26 C9 F9 M7 W116E37V8 R5	.000	-12.000	55.000	.000
(CF2038)	△	OA37 B26 C9 F9 M7W116E37V8 R5	.000	-12.000	65.000	.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.8000	INCHES
BREF	936.8000	INCHES
XMRP	1076.7000	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0300	SCALE

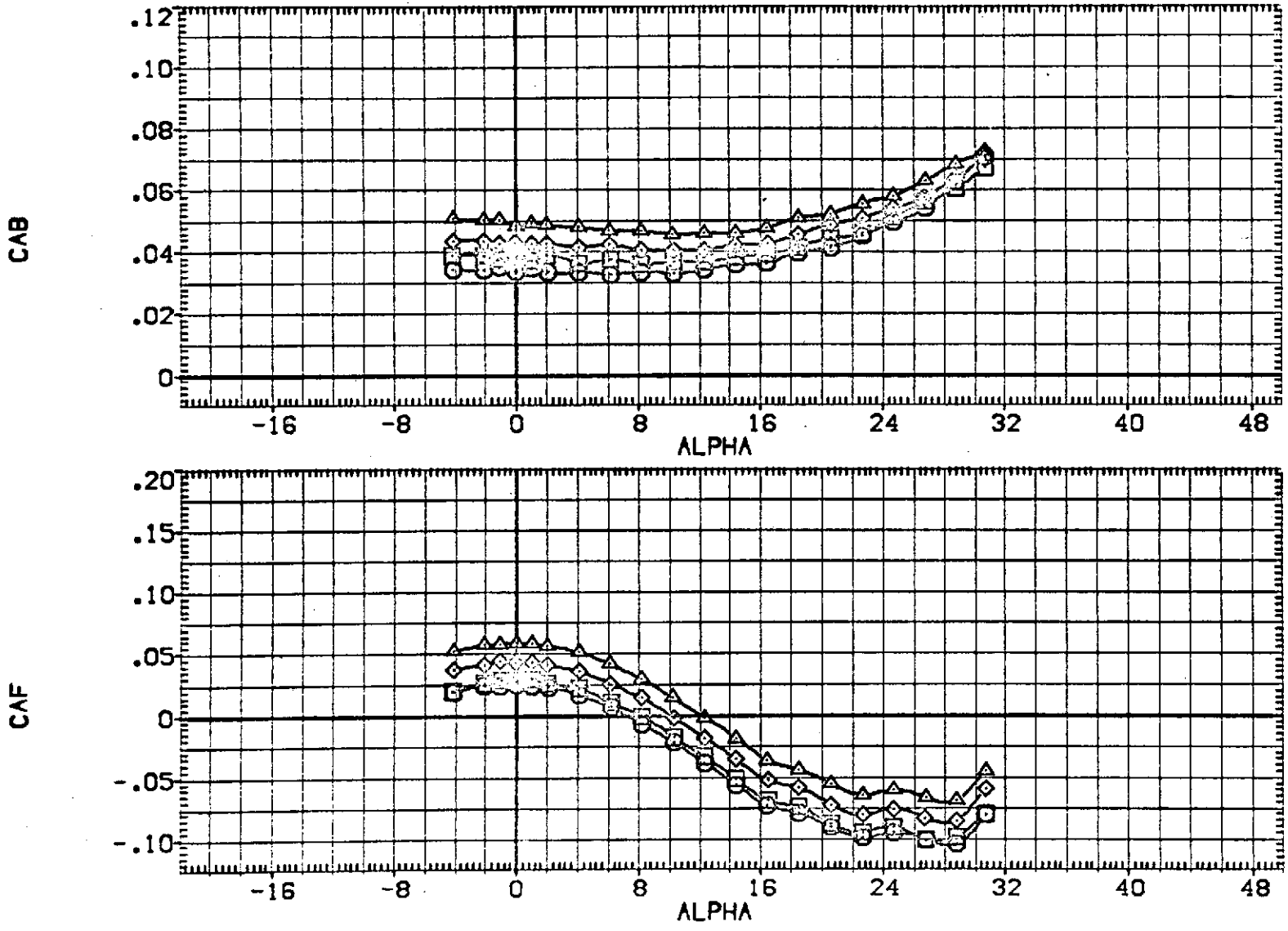


FIG 15 EFFECT OF SPEED BRAKE DEFLECTION ON LONGITUDINAL STABILITY

(A)MACH = .26

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELEVON	BDFLAP	SPOBRK	RUDDER
(CF2079)	0A37 B2S C9 F9 M7 V11GE37V8 R5	.000	-12.000	.000	.000
(CF2026)	0A37 B2G C9 F9 M7 V11GE37V8 R5	.000	-12.000	25.000	.000
(CF2027)	0A37 B2G C9 F9 M7 V11GE37V8 R5	.000	-12.000	55.000	.000
(CF2036)	0A37 B2G C9 F9 M7V11GE37V8 R5	.000	-12.000	65.000	.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.8000	INCHES
BREF	936.8000	INCHES
XMRP	1076.7000	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0300	SCALE

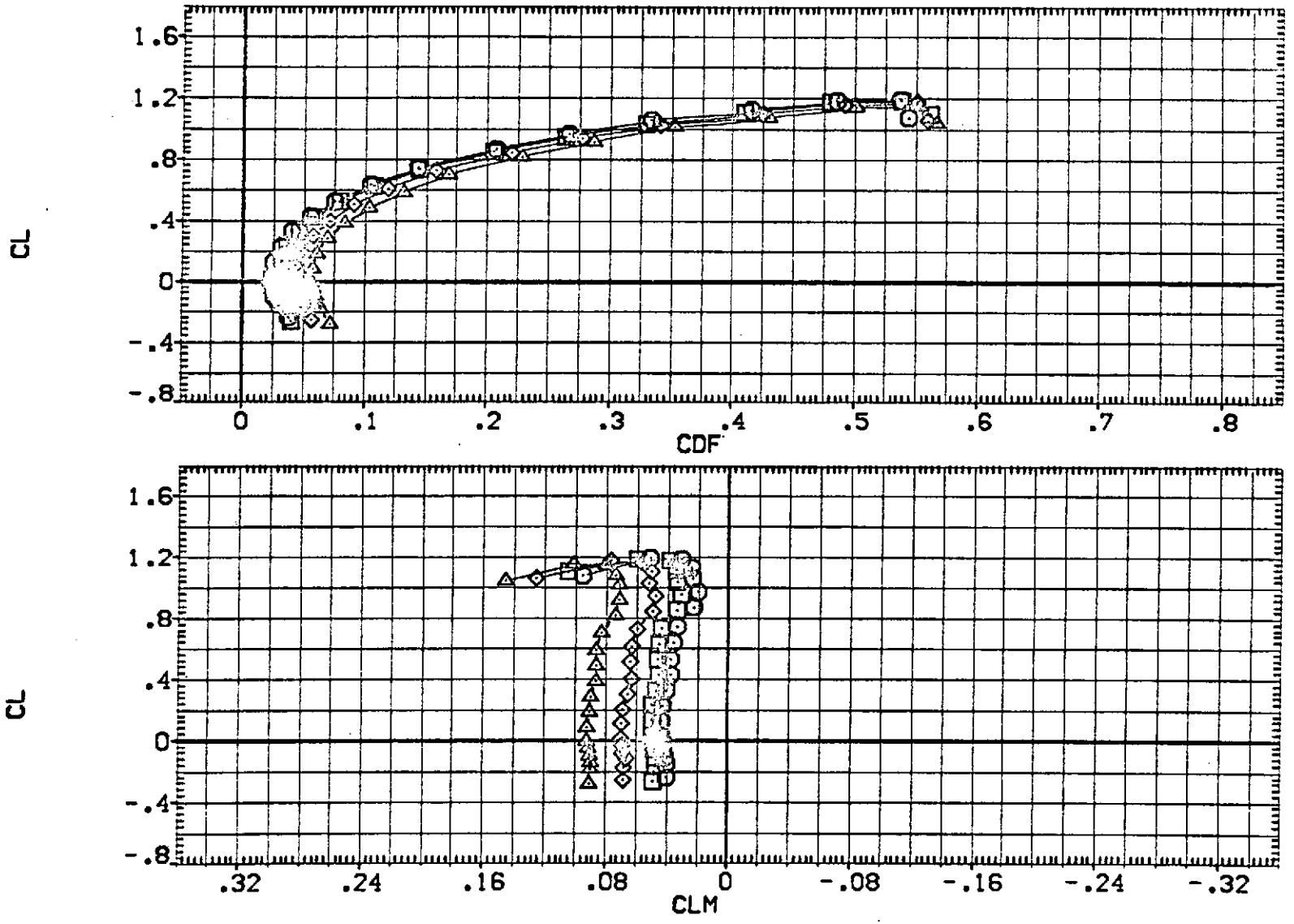


FIG 15 EFFECT OF SPEED BRAKE DEFLECTION ON LONGITUDINAL STABILITY

(A)MACH = .26

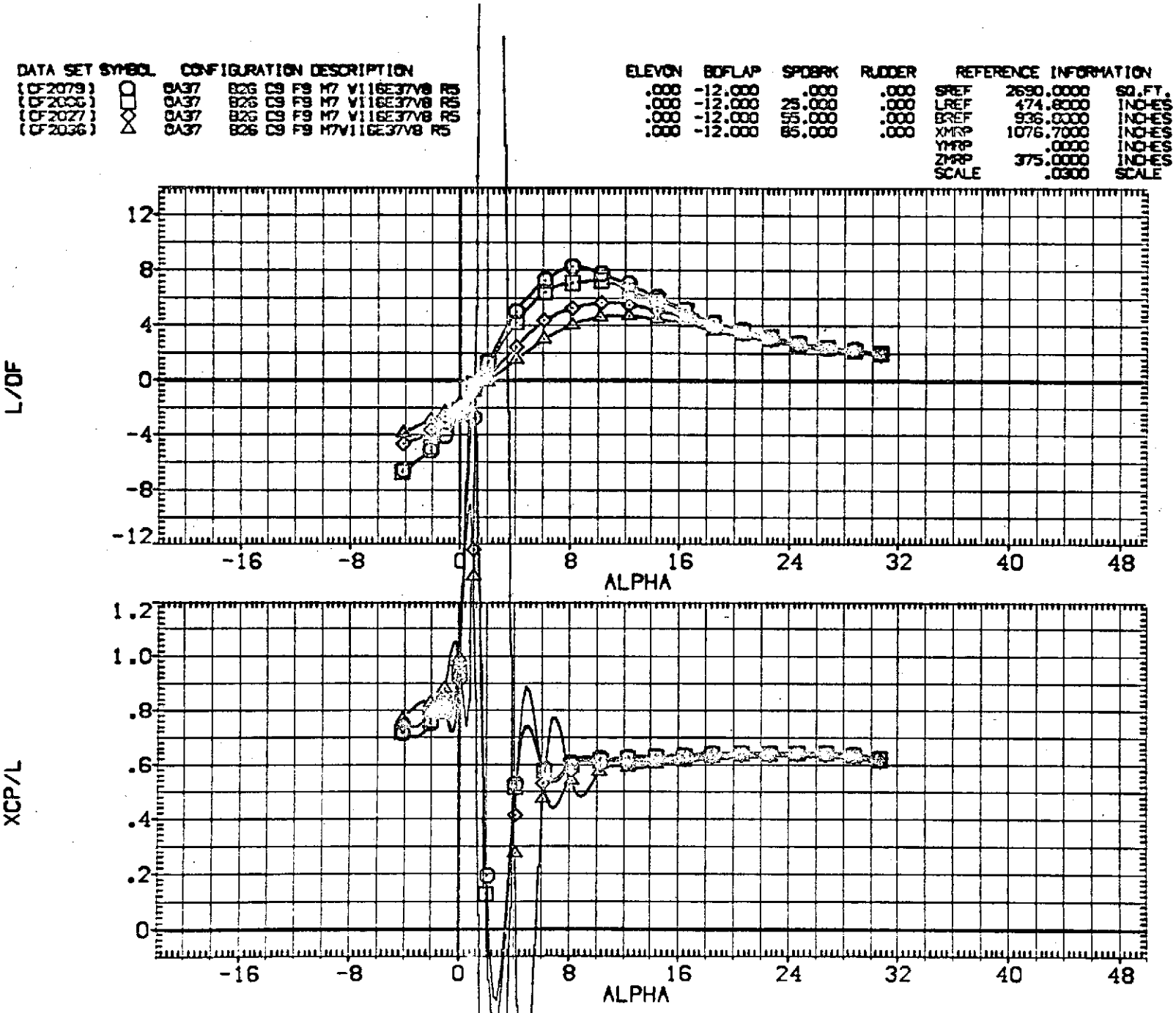


FIG 15 EFFECT OF SPEED BRAKE DEFLECTION ON LONGITUDINAL STABILITY

(A)MACH = .26

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	DSPBRK	RUDDER	BDFLAP	ELEVON
(GF2079)	○	0A37 B2G C9 F9 M7 V11GE37V8 R5	-25.000	.000	-12.000	.000
(GF2006)	□	0A37 B2G C9 F9 M7 V11GE37V8 R5	.000	.000	-12.000	.000
(GF2027)	◇	0A37 B2G C9 F9 M7 V11GE37V8 R5	30.000	.000	-12.000	.000
(GF2036)	△	0A37 B2G C9 F9 M7V11GE37V8 R5	60.000	.000	-12.000	.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.8000	INCHES
BREF	936.8000	INCHES
XMRP	1076.7000	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0300	SCALE

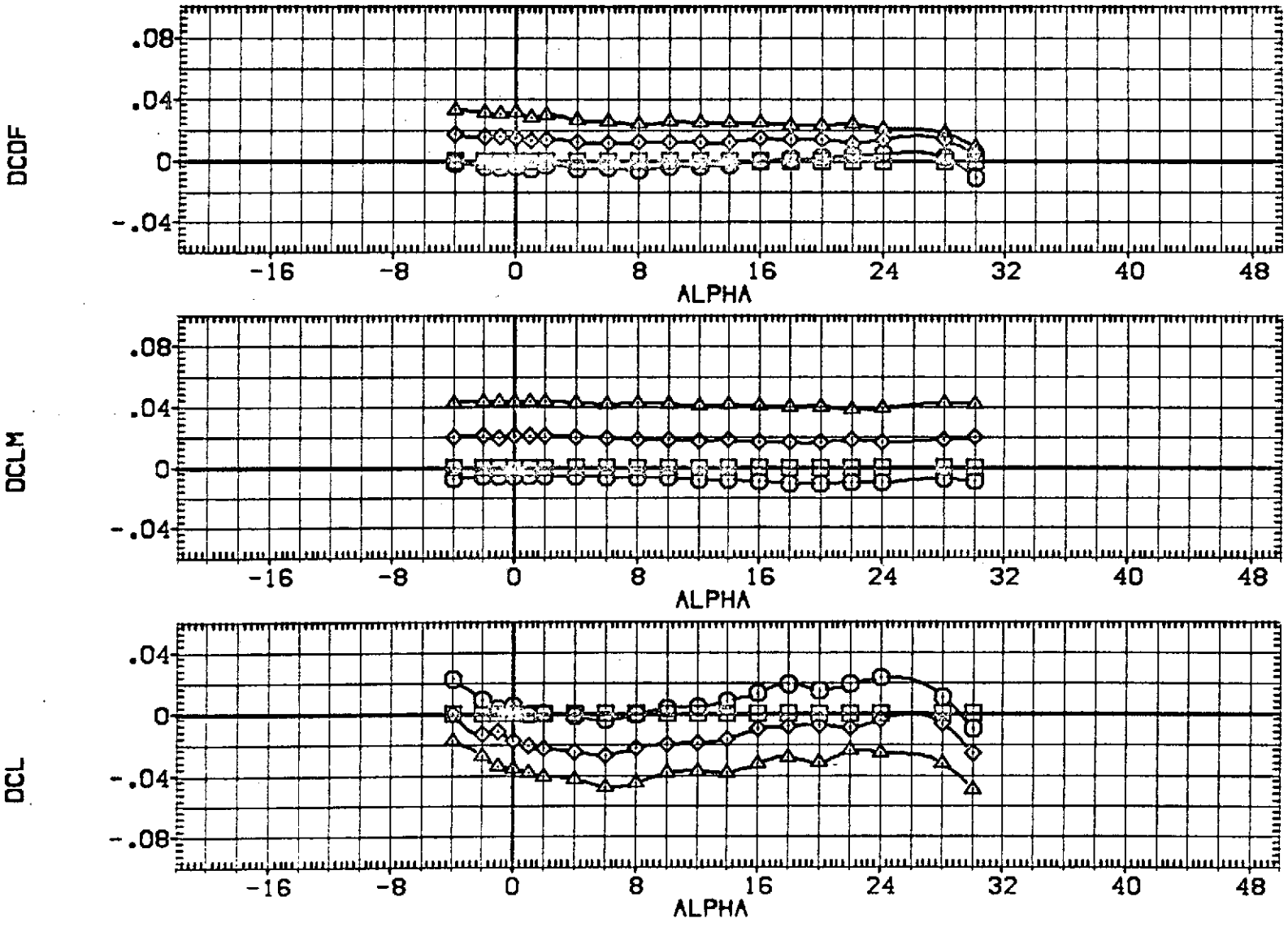


FIG 15 EFFECT OF SPEED BRAKE DEFLECTION ON LONGITUDINAL STABILITY

(A)MACH = .26

DATA SET SYMBOL	CONFIGURATION DESCRIPTION
(GF2079)	0A37 B26 C9 F9 M7 V11GE37V8 R5
(GF2006)	0A37 B26 C9 F9 M7 V11GE37V8 R5
(GF2027)	0A37 B26 C9 F9 M7 V11GE37V8 R5
(GF2036)	0A37 B26 C9 F9 M7V11GE37V8 R5

DSPBRK	RUDDER	BOFLAP	ELEVON
-25.000	.000	-12.000	.000
.000	.000	-12.000	.000
30.000	.000	-12.000	.000
60.000	.000	-12.000	.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.8000	INCHES
BREF	936.8000	INCHES
XMRP	1076.7000	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0300	SCALE

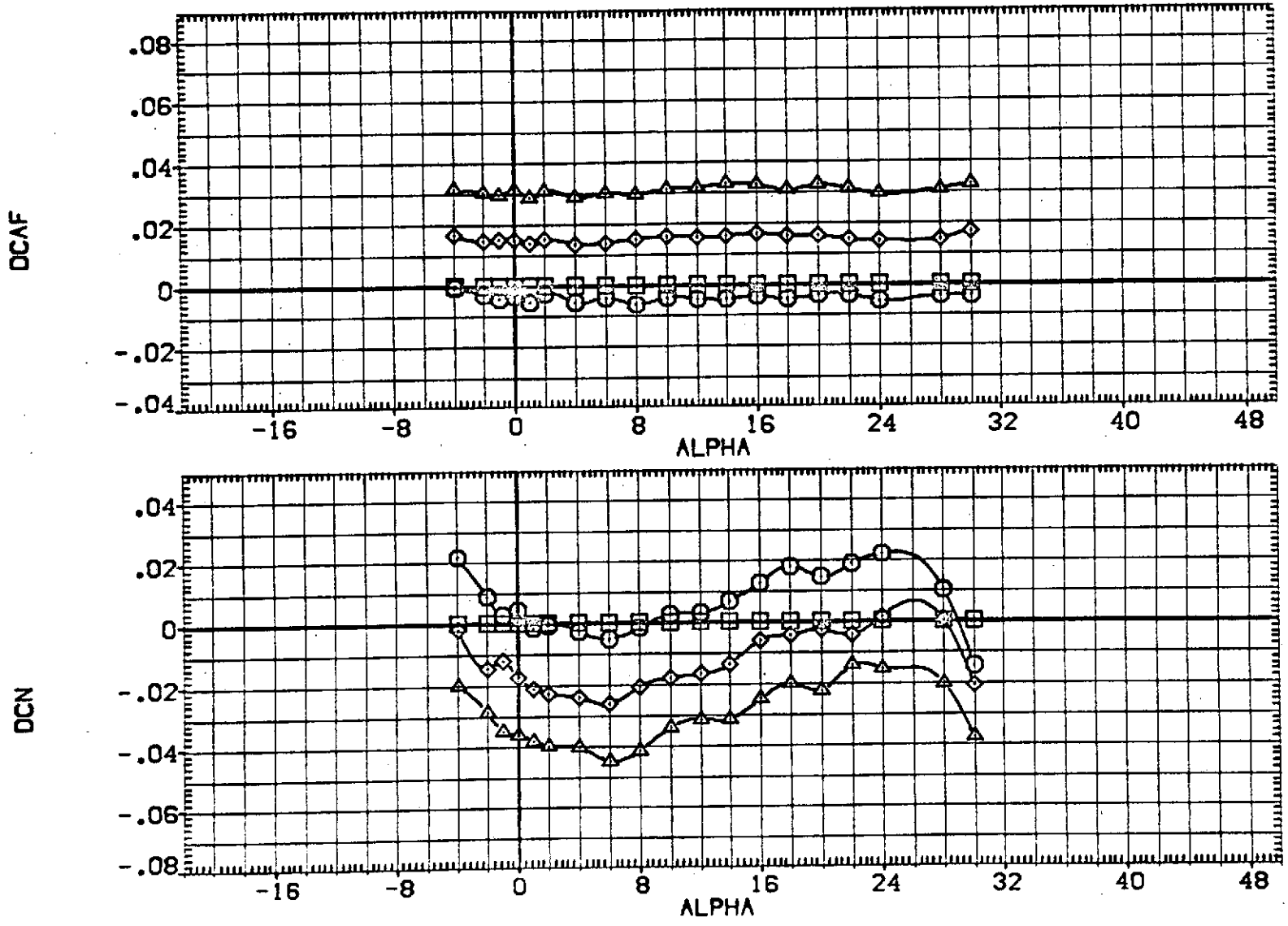


FIG 15 EFFECT OF SPEED BRAKE DEFLECTION ON LONGITUDINAL STABILITY

(A)MACH = .26

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ALPHA	SPDBRK	RUDDER	SOFLAP
(RF2064)	○	0A37 B26 C9 F9 M7 V116E37V8 R5	.000	.000	-10.000	-12.000
(RF2068)	□	0A37 B26 C9 F9 M7 V116E37V8 R5	.000	.000	.000	-12.000
(RF2065)	◇	0A37 B26 C9 F9 M7 V116E37V8 R5	10.000	.000	-10.000	-12.000
(RF2069)	△	0A37 B26 C9 F9 M7 V116E37V8 R5	10.000	.000	.000	-12.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.8000	INCHES
BREF	936.8000	INCHES
XMRP	1076.7000	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0300	SCALE

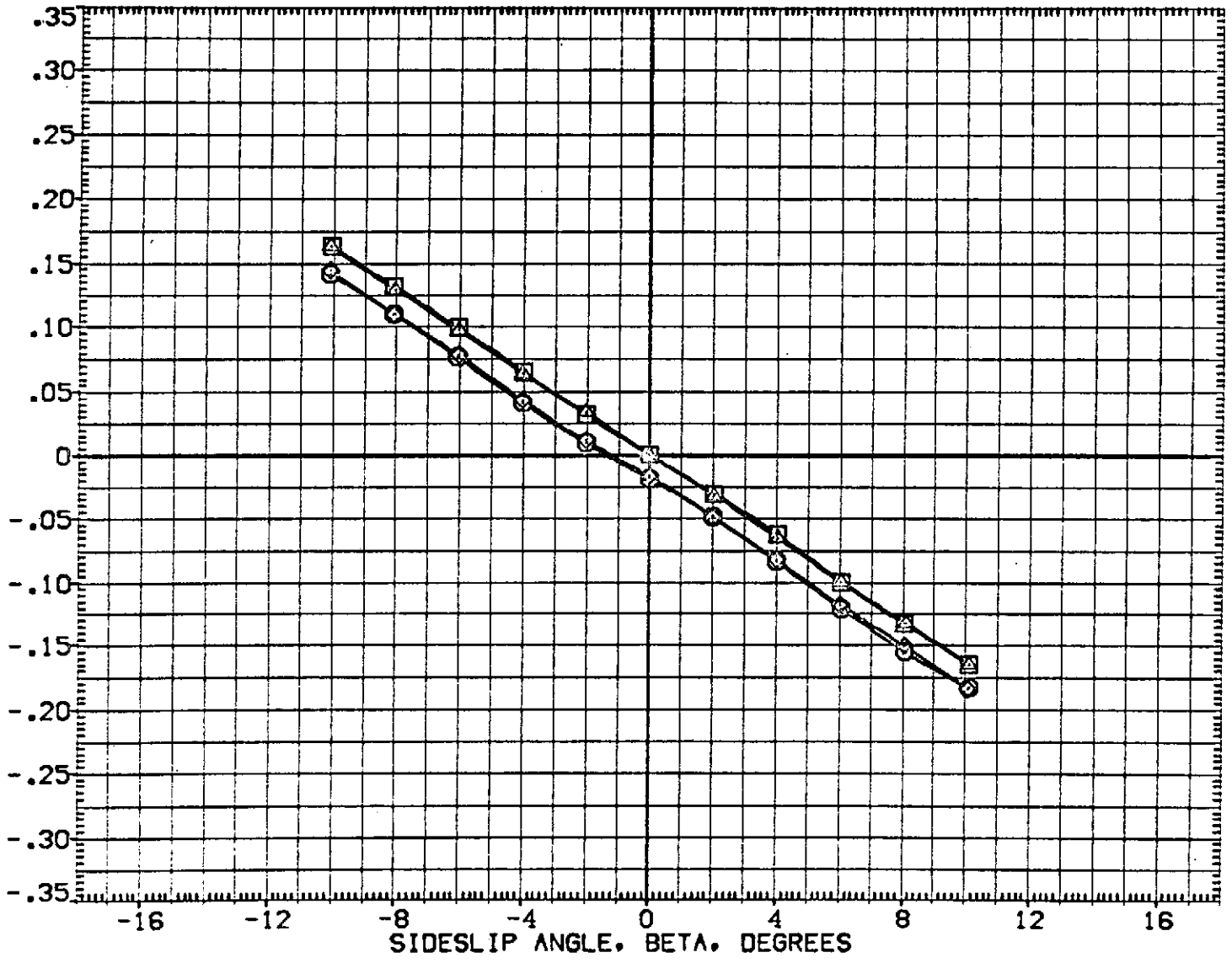


FIG 16 RUDDER EFFECTIVENESS, SPDBRK = 0 DEG., ALPHA = 0 AND 10 DEG.

(A)MACH = .26

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ALPHA	SPDBRK	RUDDER	BDFLAP
[RF2054]	○	GA37 B26 C9 F9 M7 V11GE37V8 R5	.000	.000	-10.000	-12.000
[RF2059]	□	GA37 B26 C9 F9 M7 V11GE37V8 R5	.000	.000	.000	-12.000
[RF2055]	◇	GA37 B26 C9 F9 M7 V11GE37V8 R5	10.000	.000	-10.000	-12.000
[RF2069]	△	GA37 B26 C9 F9 M7 V11GE37V8 R5	10.000	.000	.000	-12.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.8000	INCHES
BREF	936.8000	INCHES
XMRP	1076.7000	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0300	SCALE

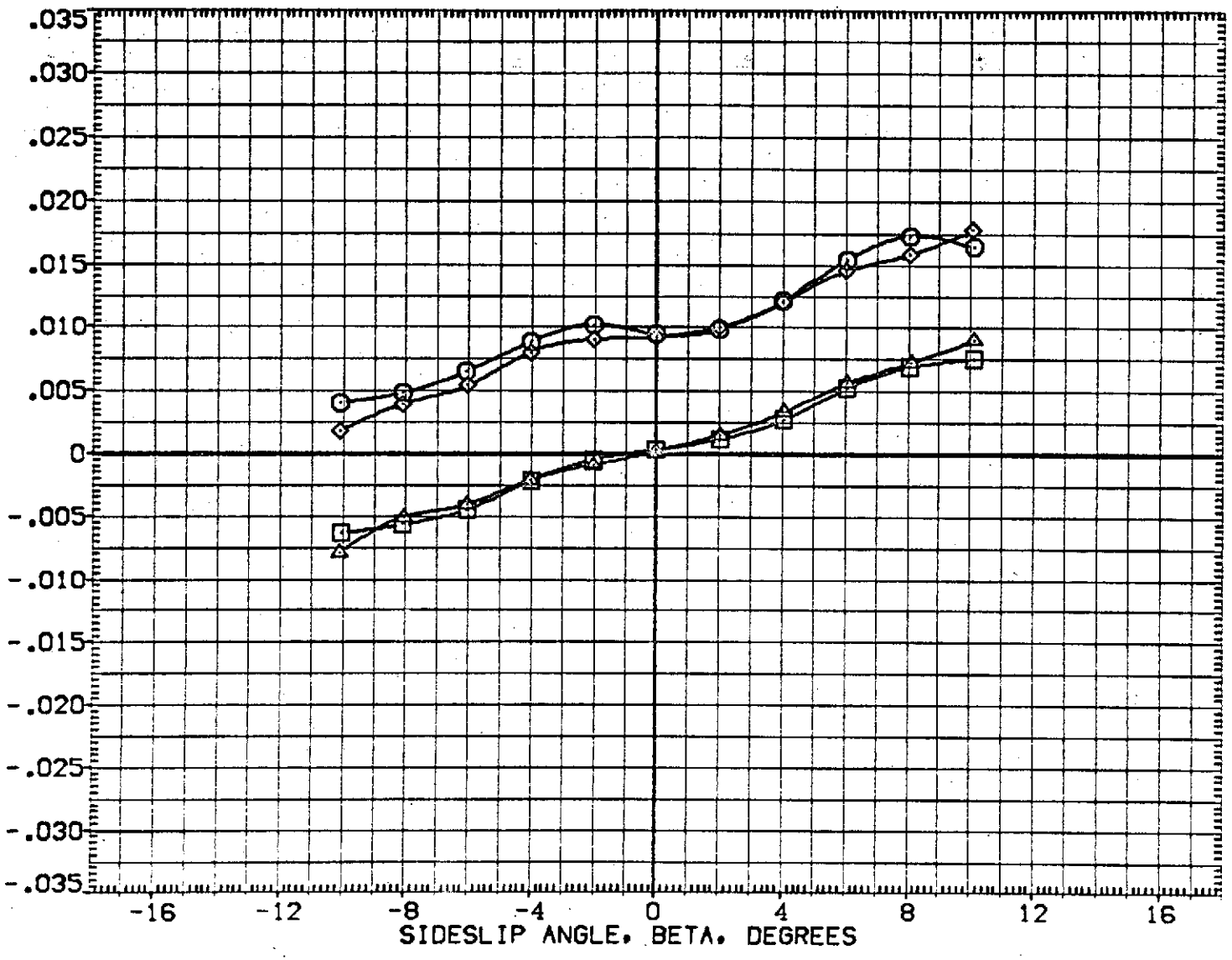


FIG 16 RUDDER EFFECTIVENESS, SPDBRK = 0 DEG., ALPHA = 0 AND 10 DEG.

(A)MACH = .26

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ALPHA	SPDBRK	RUDDER	BDFLAP
(RF2084)	○	0A37 B26 C9 F9 M7 W116E37V8 R5	.000	.000	-10.000	-12.000
(RF2088)	□	0A37 B26 C9 F9 M7 W116E37V8 R5	.000	.000	.000	-12.000
(RF2085)	◇	0A37 B26 C9 F9 M7 W116E37V8 R5	10.000	.000	-10.000	-12.000
(RF2089)	△	0A37 B26 C9 F9 M7 W116E37V8 R5	10.000	.000	.000	-12.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.8000	INCHES
BREF	936.8000	INCHES
XMRP	1076.7000	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0300	SCALE

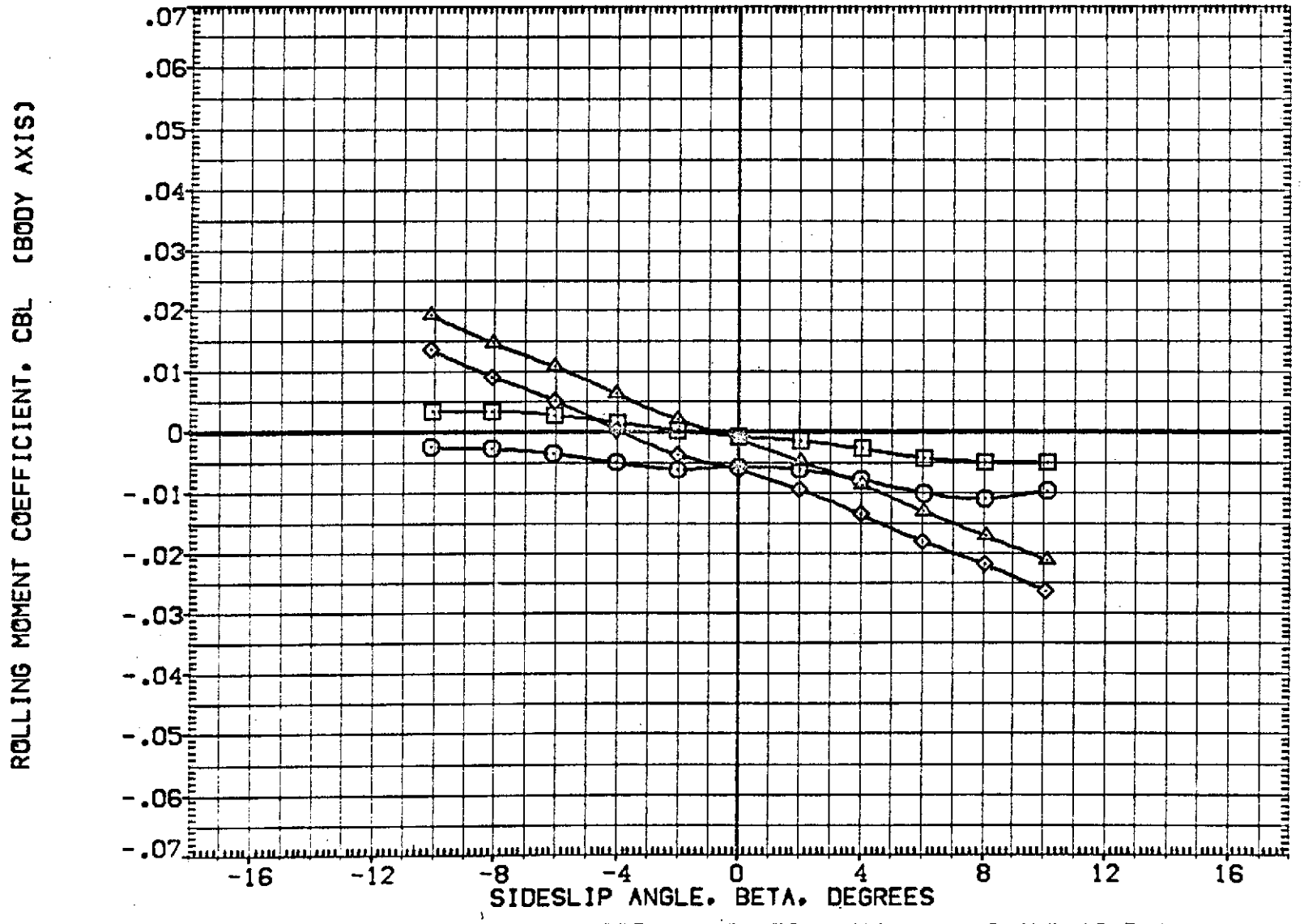


FIG 16 RUDDER EFFECTIVENESS, SPDBRK = 0 DEG., ALPHA = 0 AND 10 DEG.

(A)MACH = .26

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(AF2054)	○	0A37 B26 C9 F9 M7 W116 E37 V8 R5
(AF2059)	□	0A37 B26 C9 F9 M7 W116 E37 V8 R5
(AF2065)	◇	0A37 B26 C9 F9 M7 W116 E37 V8 R5
(AF2069)	△	0A37 B26 C9 F9 M7 W116 E37 V8 R5

ALPHA	SPDBRK	RUDDER	BOFLAP
.000	.000	-10.000	-11.700
.000	.000	.000	-11.700
10.000	.000	-10.000	-11.700
10.000	.000	.000	-11.700

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.6000	INCHES
BREF	935.8000	INCHES
XMRP	1076.7000	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0300	

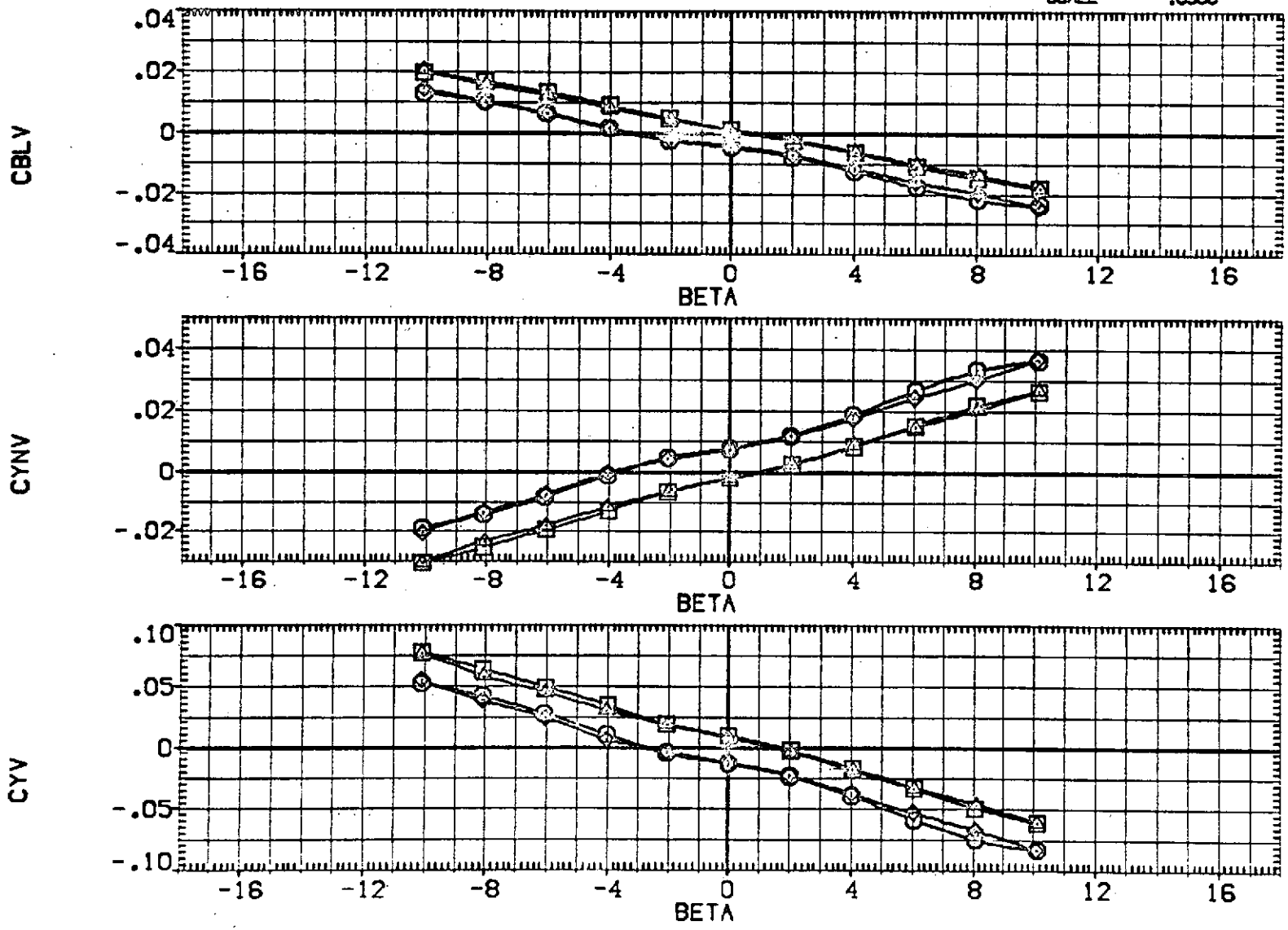


FIG 16 RUDDER EFFECTIVENESS, SPDBRK = 0 DEG., ALPHA = 0 AND 10 DEG.

(A)MACH = .26

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ALPHA	SPDBRK	RUDDER	BDFLAP
(AF2064)	○	0A37 B26 C9 F9 M7 W116 E37 V8 R5	.000	.000	-10.000	-11.700
(AF2063)	□	0A37 B26 C9 F9 M7 W116 E37 V8 R5	.000	.000	.000	-11.700
(AF2065)	◇	0A37 B26 C9 F9 M7 W116 E37 V8 R5	10.000	.000	-10.000	-11.700
(AF2069)	△	0A37 B26 C9 F9 M7 W116 E37 V8 R5	10.000	.000	.000	-11.700

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.6000	INCHES
BREF	936.8000	INCHES
XMRP	1076.7000	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0300	

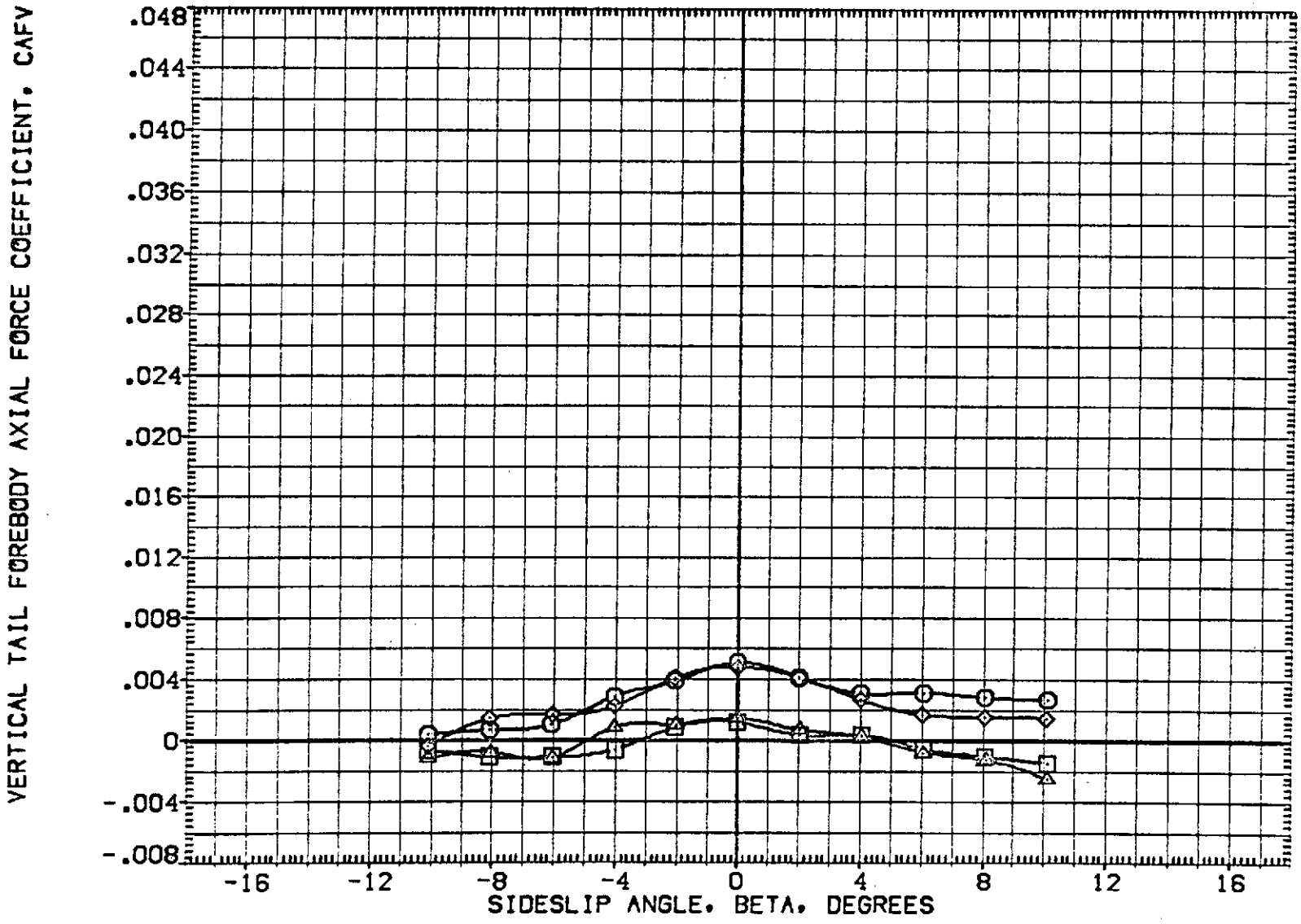


FIG 16 RUDDER EFFECTIVENESS, SPDBRK = 0 DEG., ALPHA = 0 AND 10 DEG.

(A)MACH = .26

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ALPHA	SPDBRK	RUDDER	BDFLAP
(BF20GA)	□	GA37 B26 C9 F9 M7 W116 E37 V8 R5	.000	.000	-10.000	-11.700
(BF20GB)	◇	GA37 B26 C9 F9 M7 W116 E37 V8 R5	.000	.000	.000	-11.700
(BF20GS)	⊠	GA37 B26 C9 F9 M7 W116 E37 V8 R5	10.000	.000	-10.000	-11.700
(BF20GG)	△	GA37 B26 C9 F9 M7 W116 E37 V8 R5	10.000	.000	.000	-11.700

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.8000	INCHES
BREF	936.8000	INCHES
XMRP	1076.7000	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0300	

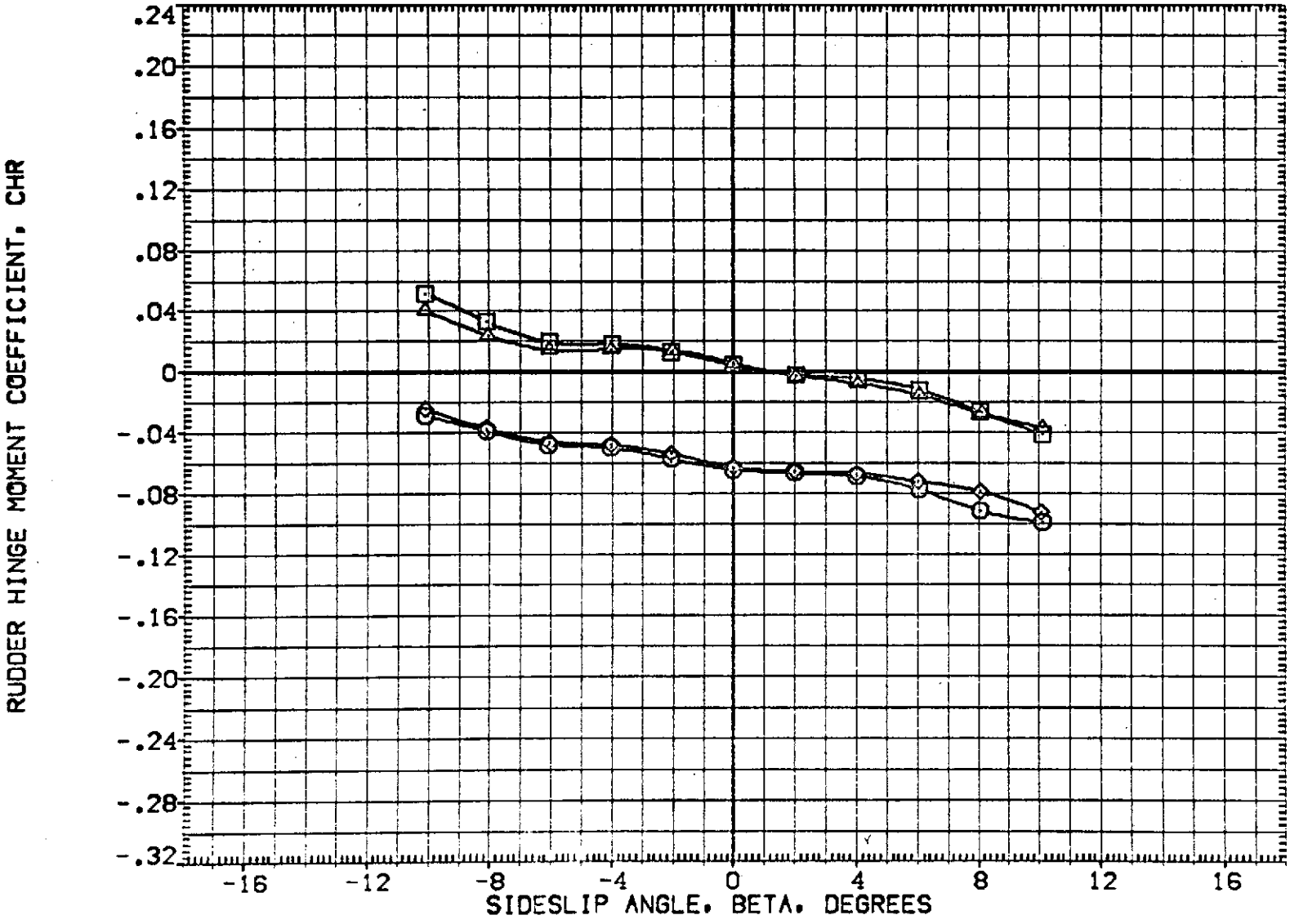


FIG 16 RUDDER EFFECTIVENESS, SPDBRK = 0 DEG., ALPHA = 0 AND 10 DEG.

(A)MACH = .26

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(RF2066)	○	OA37 B26 C9 F9 H7 V116E37V8 R5
(RF2070)	□	OA37 B26 C9 F9 H7 V116E37V8 R5
(RF2067)	◇	OA37 B26 C9 F9 H7 V116E37V8 R5
(RF2071)	△	OA37 B26 C9 F9 H7 V116E37V8 R5

ALPHA	SPDBRK	RUDDER	BOFLAP
15.000	.000	-10.000	-12.000
15.000	.000	.000	-12.000
20.000	.000	-10.000	-12.000
20.000	.000	.000	-12.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.8000	INCHES
BREF	936.8000	INCHES
XMRP	1076.7000	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0300	SCALE

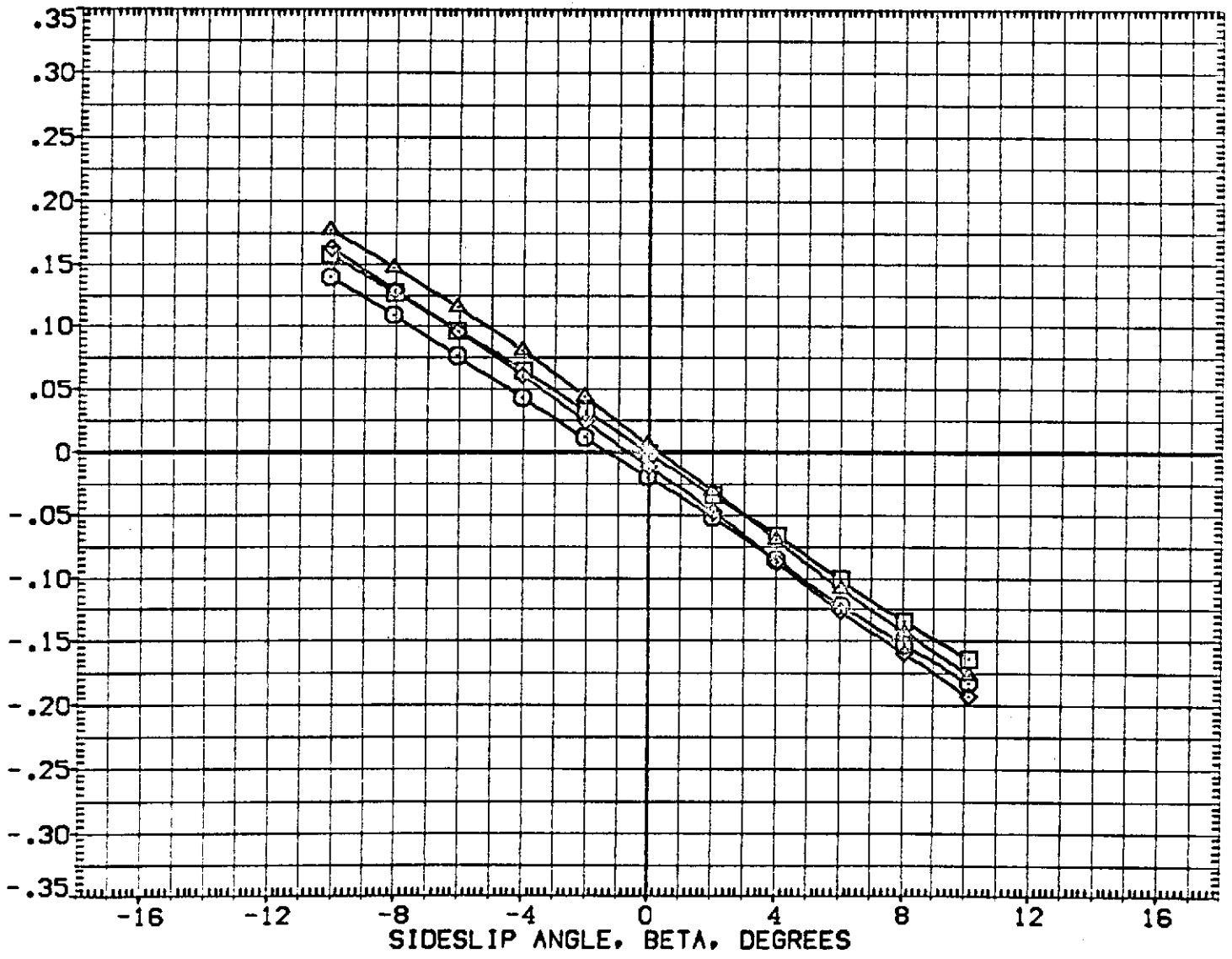


FIG 17 RUDDER EFFECTIVENESS, SPDBRK = 0 DEG., ALPHA = 15 AND 20 DEG.

(A)MACH = .26

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ALPHA	SPDBRK	RUDDER	BDFLAP
(RF2066)	○	0A37 B26 C9 F9 M7 V11BE37V8 R5	15.000	.000	-10.000	-12.000
(RF2070)	□	0A37 B26 C9 F9 M7 V11BE37V8 R5	15.000	.000	.000	-12.000
(RF2067)	◇	0A37 B26 C9 F9 M7 V11BE37V8 R5	20.000	.000	-10.000	-12.000
(RF2071)	△	0A37 B26 C9 F9 M7 V11BE37V8 R5	20.000	.000	.000	-12.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.8000	INCHES
BREF	936.8000	INCHES
XMRP	1076.7000	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0300	SCALE

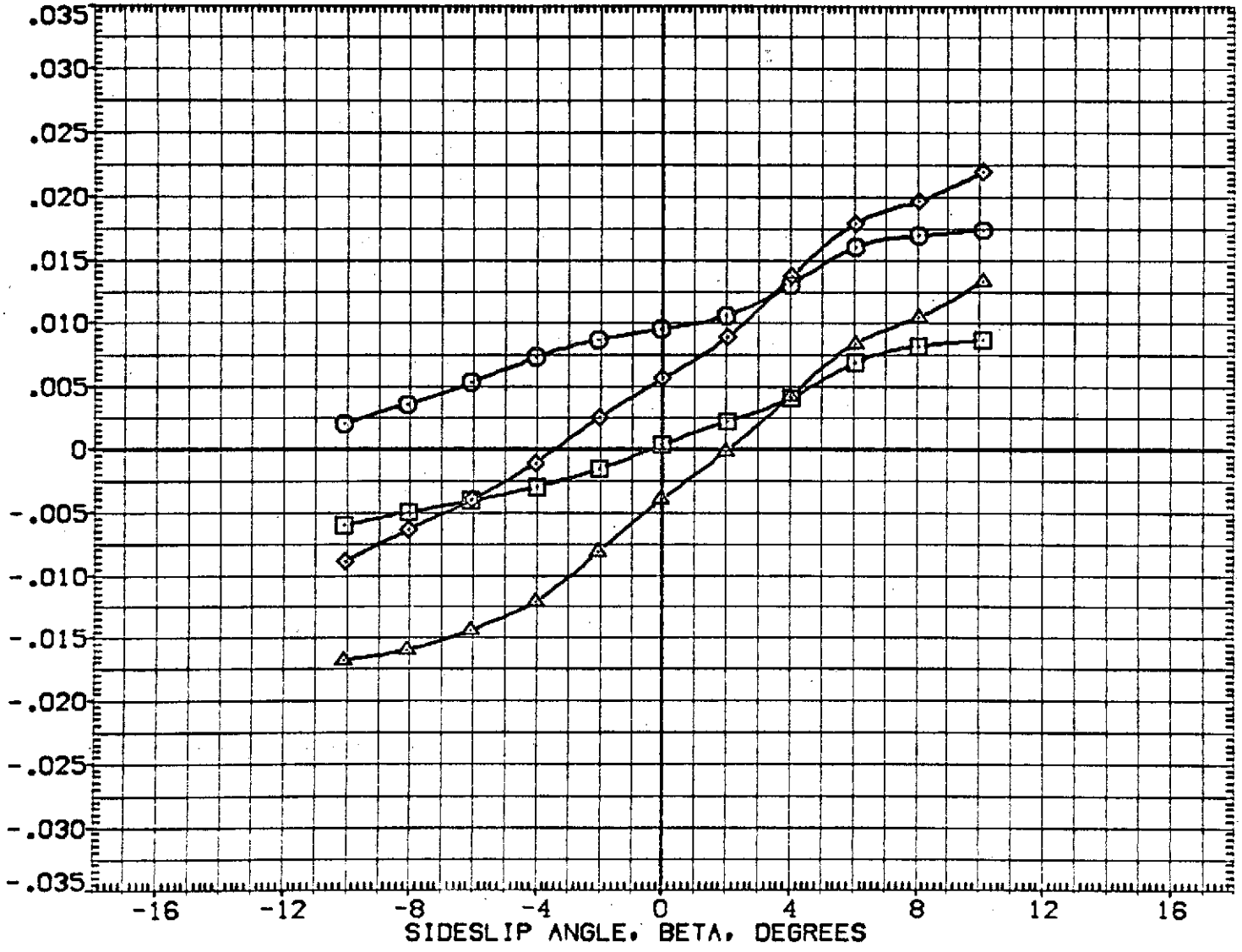


FIG 17 RUDDER EFFECTIVENESS, SPDBRK = 0 DEG., ALPHA = 15 AND 20 DEG.

(A)MACH = .26

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ALPHA	SPDBRK	RUDDER	BDFLAP
(RF2066)	○	BA37 B26 C9 F9 M7 V116E37V8 R5	15.000	.000	-10.000	-12.000
(RF2070)	□	BA37 B26 C9 F9 M7 V116E37V8 R5	15.000	.000	.000	-12.000
(RF2067)	◇	BA37 B26 C9 F9 M7 V116E37V8 R5	20.000	.000	-10.000	-12.000
(RF2071)	△	BA37 B26 C9 F9 M7 V116E37V8 R5	20.000	.000	.000	-12.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.8000	INCHES
BREF	936.8000	INCHES
XMRP	1076.7000	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0300	SCALE

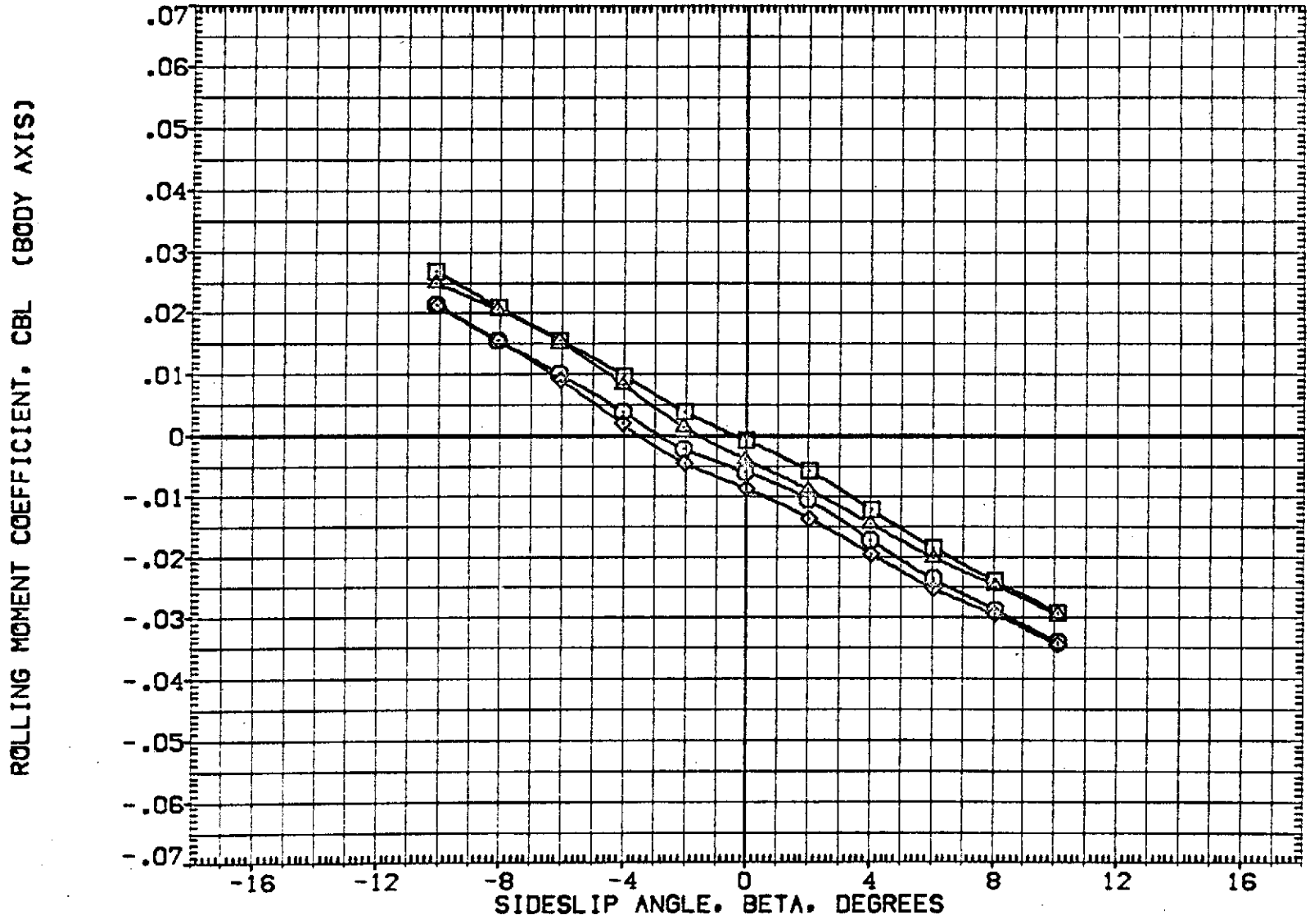


FIG 17 RUDDER EFFECTIVENESS, SPDBRK = 0 DEG., ALPHA = 15 AND 20 DEG.

(A)MACH = .26

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ALPHA	SPDBRK	RUDDER	BOFLAP
(AF2066)	○	0A37 B26 C9 F9 M7 V116 E37 V8 R5	15.000	.000	-10.000	-11.700
(AF2070)	□	0A37 B26 C9 F9 M7 V116 E37 V8 R5	15.000	.000	.000	-11.700
(AF2067)	◇	0A37 B26 C9 F9 M7 V116 E37 V8 R5	20.000	.000	-10.000	-11.700
(AF2071)	△	0A37 B26 C9 F9 M7 V116 E37 V8 R5	20.000	.000	.000	-11.700

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.8000	INCHES
BREF	936.8000	INCHES
XMRP	1076.7000	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0300	

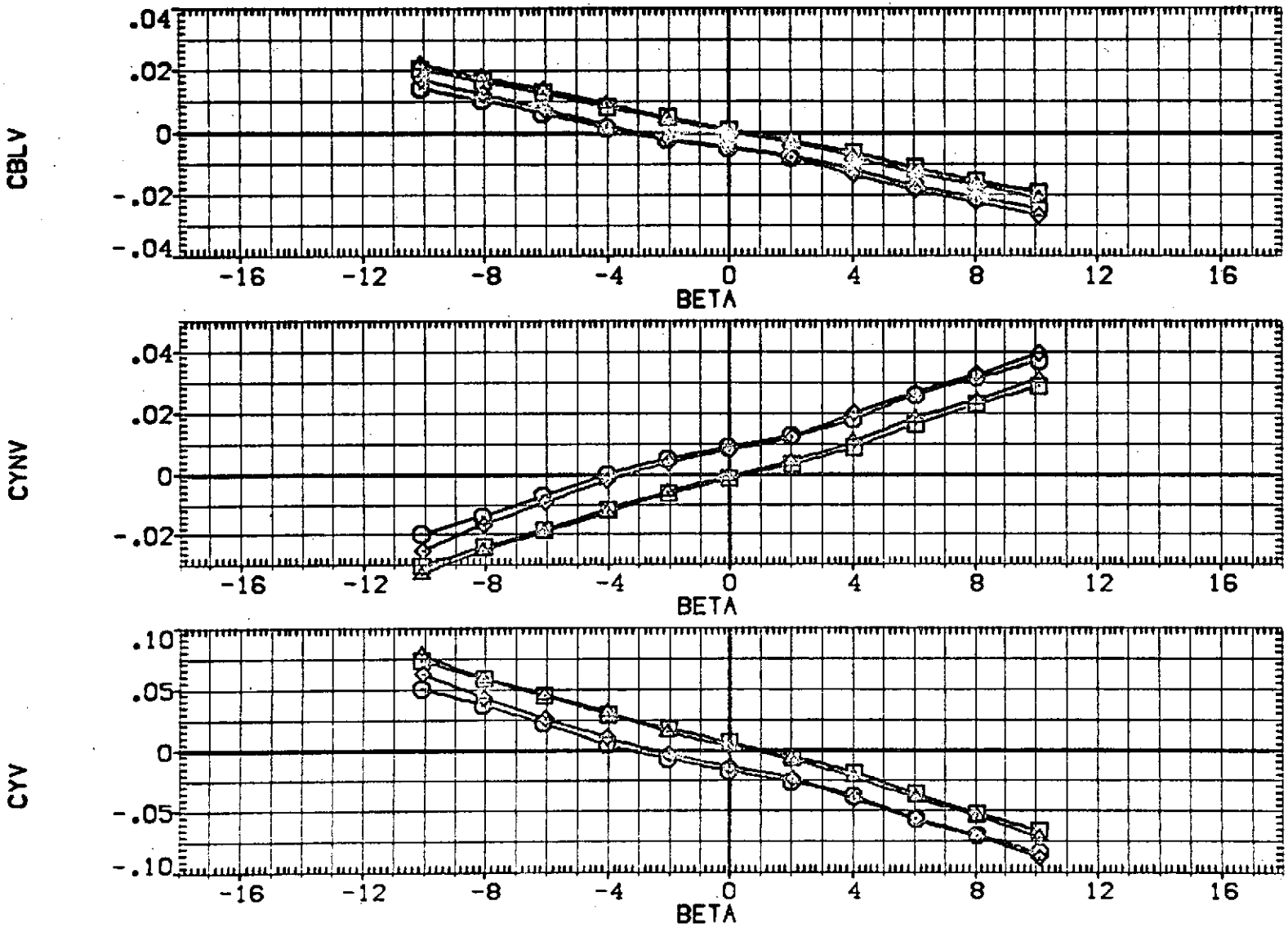


FIG 17 RUDDER EFFECTIVENESS, SPDBRK = 0 DEG., ALPHA = 15 AND 20 DEG.

(A)MACH = .26

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ALPHA	SPDBRK	RUDDER	BDFLAP
(AF2066)	○	BA37 B26 C9 F9 M7 W116 E37 V8 R5	15.000	.000	-10.000	-11.700
(AF2070)	□	BA37 B26 C9 F9 M7 W116 E37 V8 R5	15.000	.000	.000	-11.700
(AF2067)	◇	BA37 B26 C9 F9 M7 W116 E37 V8 R5	20.000	.000	-10.000	-11.700
(AF2071)	△	BA37 B26 C9 F9 M7 W116 E37 V8 R5	20.000	.000	.000	-11.700

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.8000	INCHES
BREF	936.8000	INCHES
XMRP	1076.7000	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0300	

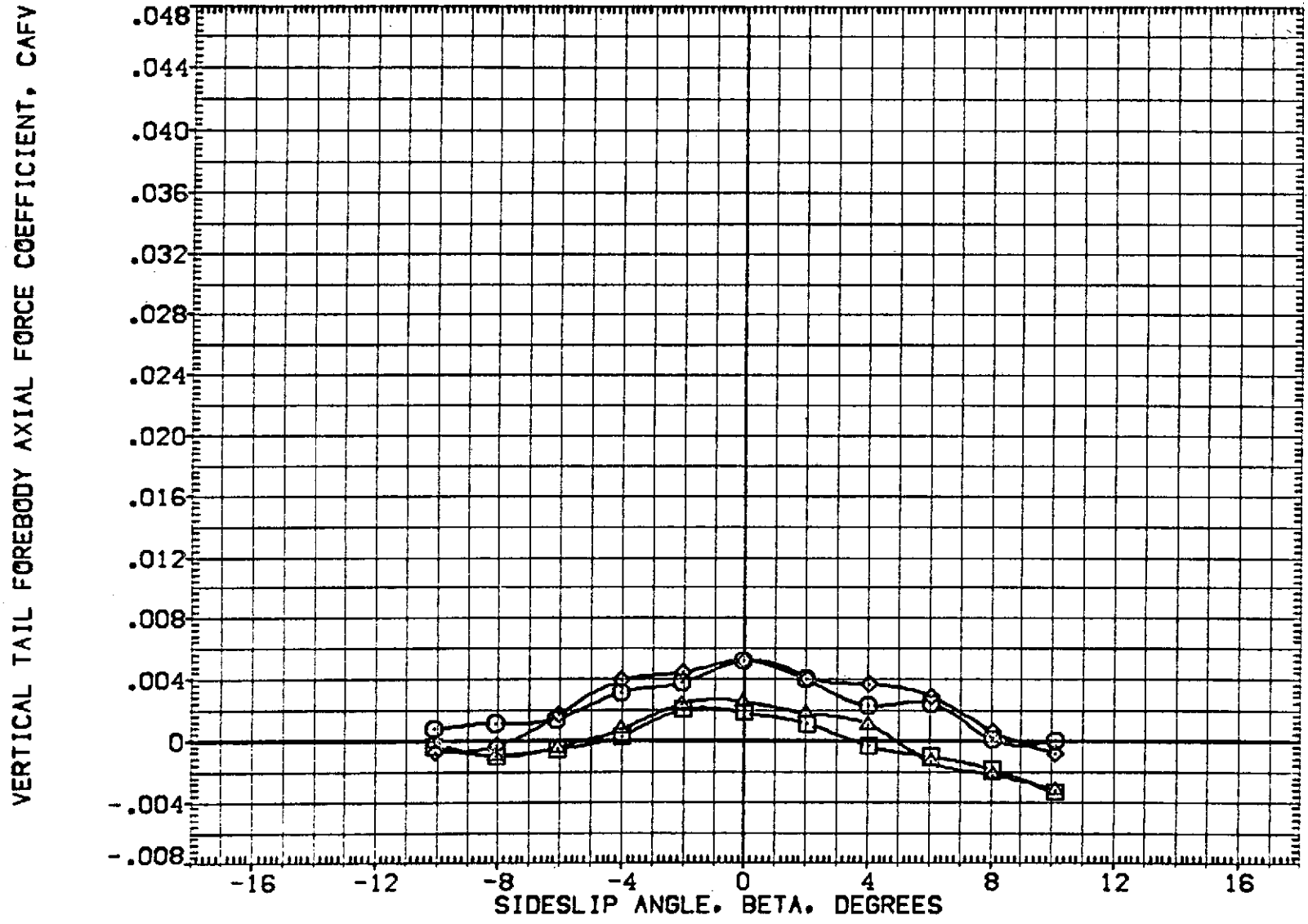


FIG 17 RUDDER EFFECTIVENESS, SPDBRK = 0 DEG., ALPHA = 15 AND 20 DEG.

(A)MACH = .26

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(BF2066)	○	BA37 B26 C9 F9 H7 V116 E37 V8 R5
(BF2070)	□	BA37 B26 C3 F9 H7 V116 E37 V8 R5
(BF2067)	◇	BA37 B26 C9 F9 H7 V116 E37 V8 R5
(BF2071)	△	BA37 B26 C9 F9 H7 V116 E37 V8 R5

ALPHA	SPDBRK	RUDDER	BDFLAP
15.000	.000	-10.000	-11.700
15.000	.000	.000	-11.700
20.000	.000	-10.000	-11.700
20.000	.000	.000	-11.700

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.8000	INCHES
BREF	936.8000	INCHES
XMRP	1076.7000	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0300	

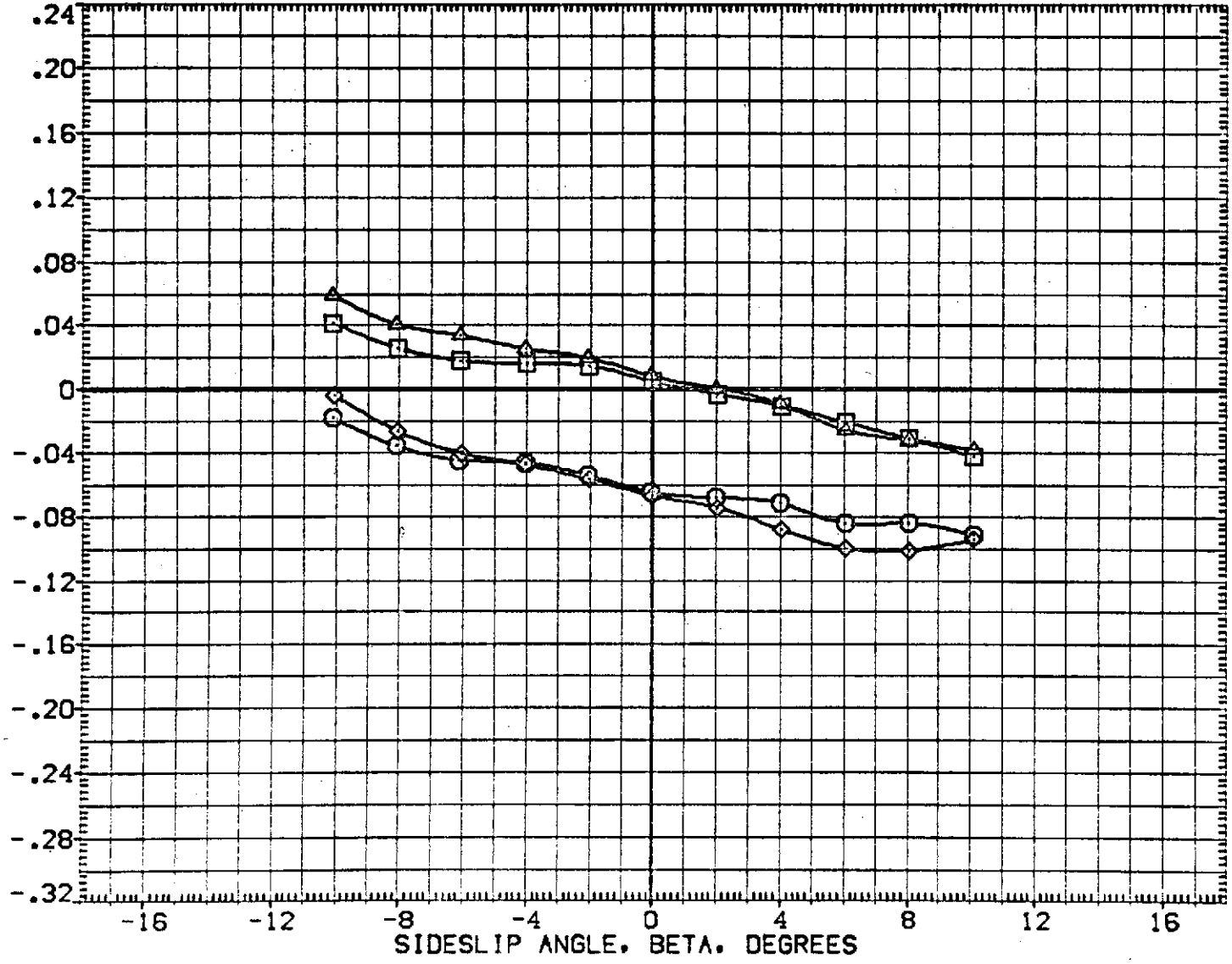


FIG 17 RUDDER EFFECTIVENESS, SPDBRK = 0 DEG., ALPHA = 15 AND 20 DEG.

(A)MACH = .26

0A37 B26 C9 F9 M7 W116 E37 V8 R5 (EF2064)

SYMBOL	ALPHA		PARAMETRIC VALUES		
○	.000	MACH	.260	BETA	-10.000
□	10.000	BDFLAP	-11.700	ELEVON	.000
◇	15.000	AILRON	.000	SPDBRK	.000
△	20.000				

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.8000	INCHES
BREF	935.0000	INCHES
XMRP	1076.7000	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0300	

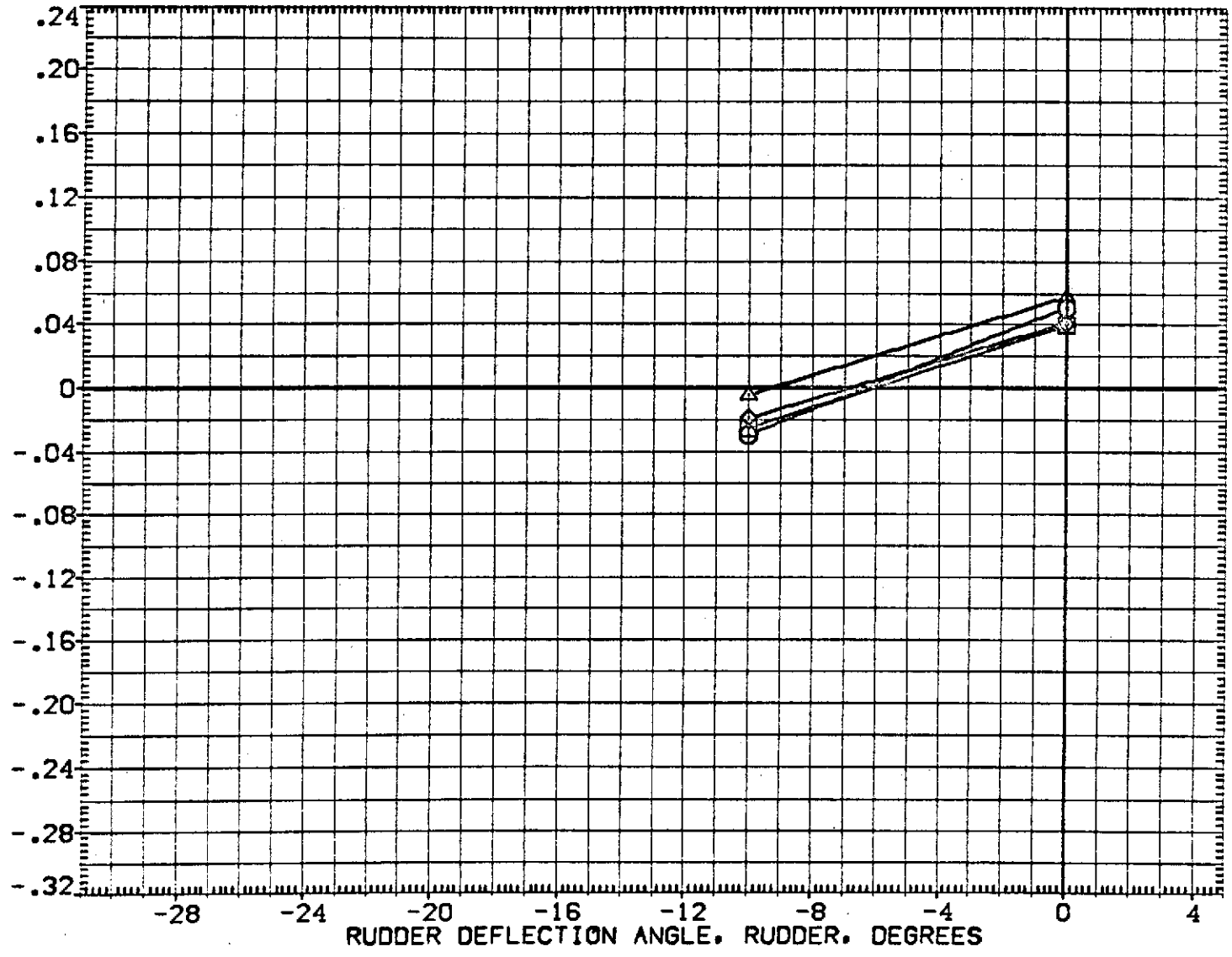


FIG 18 RUDDER EFFECTIVENESS DERIVATIVES, SPDBRK = 0 DEG.

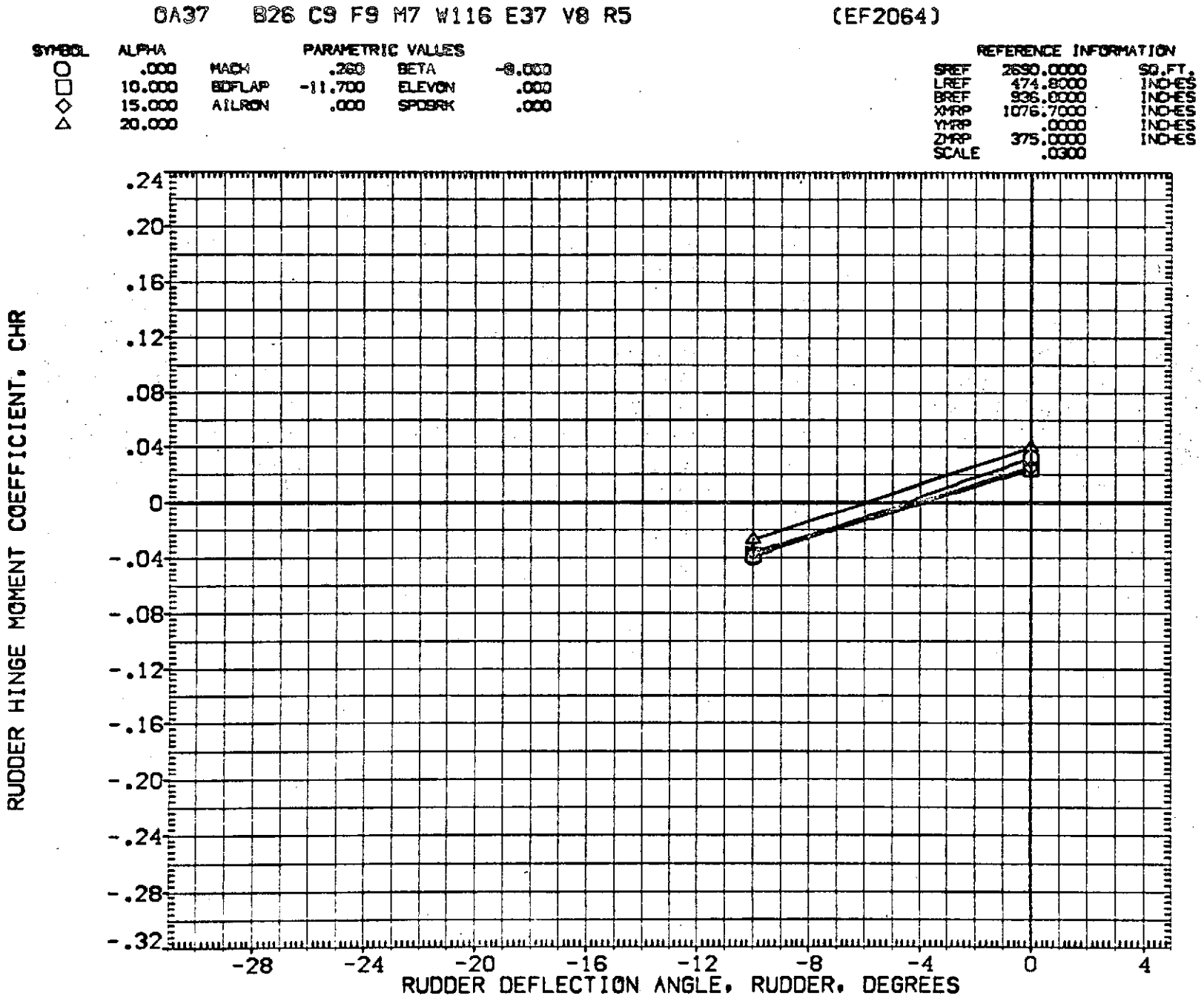


FIG 18 RUDDER EFFECTIVENESS DERIVATIVES, SPDBRK = 0 DEG.

0A37 B26 C9 F9 M7 W116 E37 V8 R5 (EF2064)

SYMBOL	ALPHA		PARAMETRIC VALUES		
○	.000	MACH	.260	BETA	-6.000
□	10.000	BDFLAP	-11.700	ELEVON	.000
◇	15.000	AILRON	.000	SPDBRK	.000
△	20.000				

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
LREF	474.8000	INCHES
BREF	936.6000	INCHES
XMRP	1076.7000	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0300	

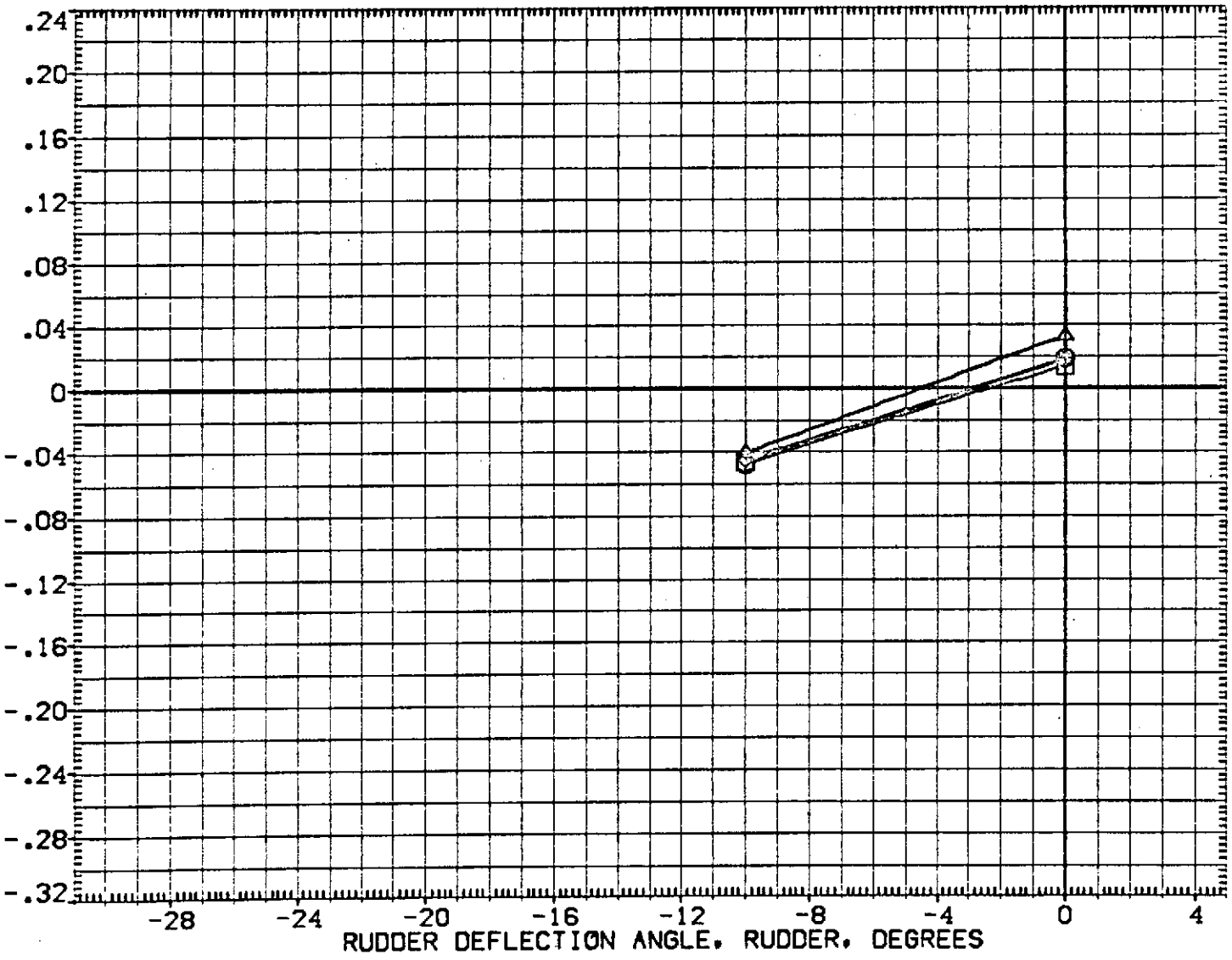


FIG 18 RUDDER EFFECTIVENESS DERIVATIVES, SPDBRK = 0 DEG.

0A37 B26 C9 F9 M7 W116 E37 V8 R5 (EF2064)

SYMBOL	ALPHA
○	.000
□	10.000
◇	15.000
△	20.000

PARAMETRIC VALUES

MACH	.260	BETA	-4.000
EDFLAP	-11.700	ELEVON	.000
AILRON	.000	SPDBRK	.000

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
LREF	474.8000	INCHES
BREF	936.8000	INCHES
XMRP	1076.7000	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0300	

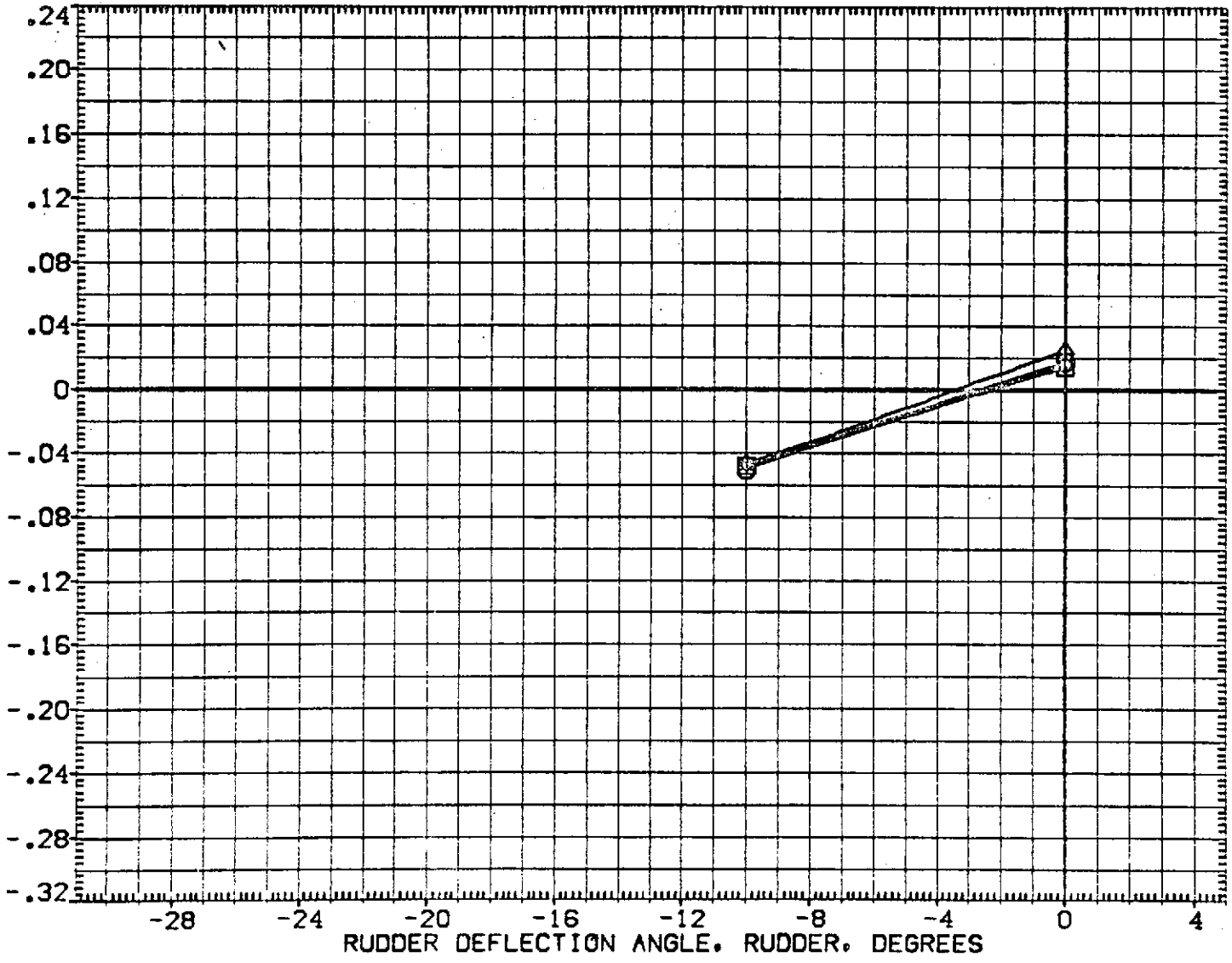


FIG 18 RUDDER EFFECTIVENESS DERIVATIVES, SPDBRK = 0 DEG.

0A37 B26 C9 F9 M7 W116 E37 V8 R5 (EF2064)

SYMBOL	ALPHA		PARAMETRIC VALUES		
○	.000	MACH	.260	BETA	-2.000
□	10.000	BOFLAP	-11.700	ELEVON	.000
◇	15.000	AILRON	.000	SPDBRK	.000
△	20.000				

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
LREF	474.8000	INCHES
BREF	936.9000	INCHES
XMRP	1076.7000	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0300	

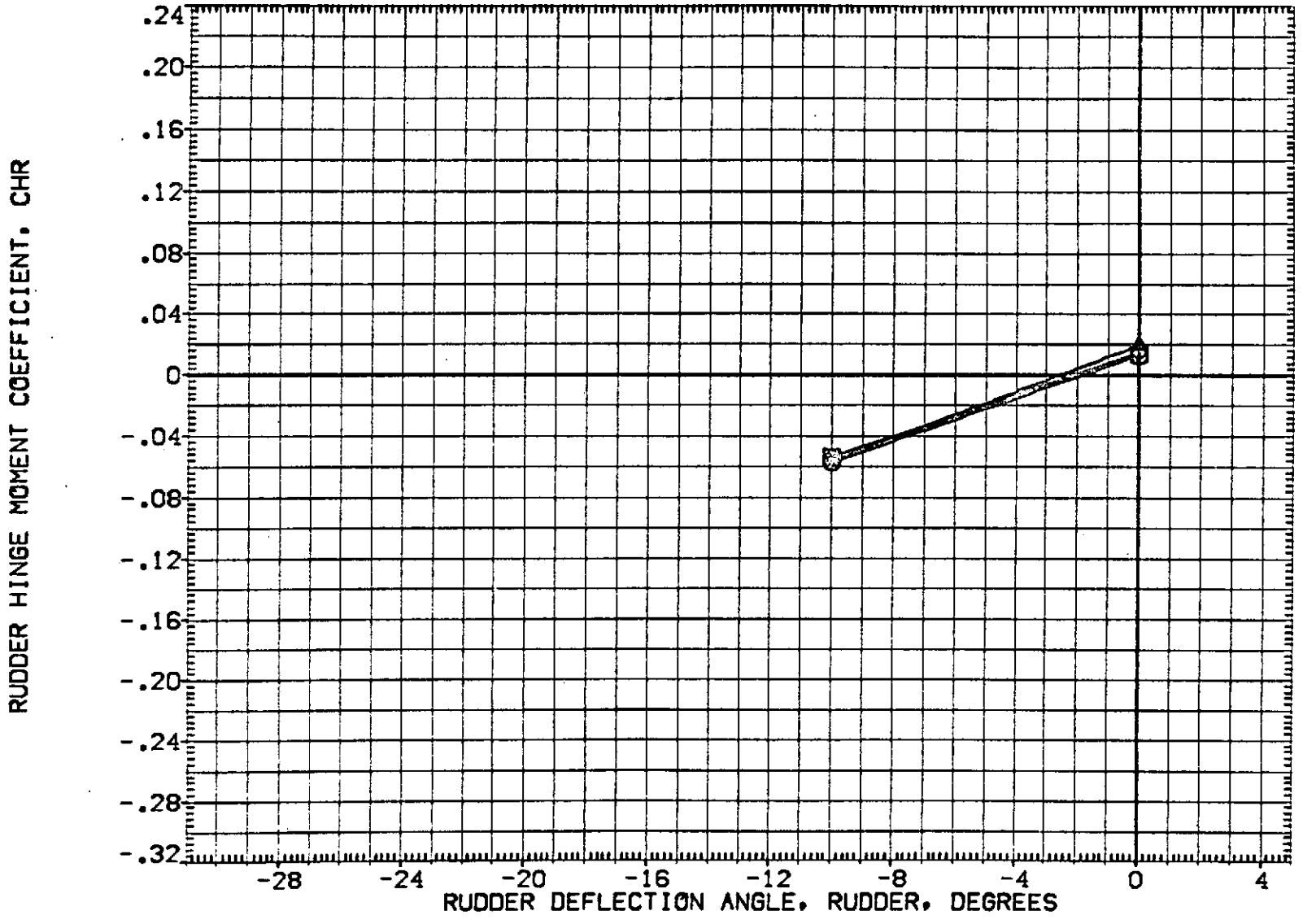


FIG 18 RUDDER EFFECTIVENESS DERIVATIVES, SPDBRK = 0 DEG.

0A37 B26 C9 F9 M7 W116 E37 V8 R5 (EF2064)

SYMBOL	ALPHA		PARAMETRIC VALUES		
○	.000	MACH	.260	BETA	.000
□	10.000	BDFLAP	-11.700	ELEVON	.000
◇	15.000	AILRON	.000	SPDBRK	.000
△	20.000				

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.8000	INCHES
BREF	936.6000	INCHES
XMRP	1076.7000	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0300	

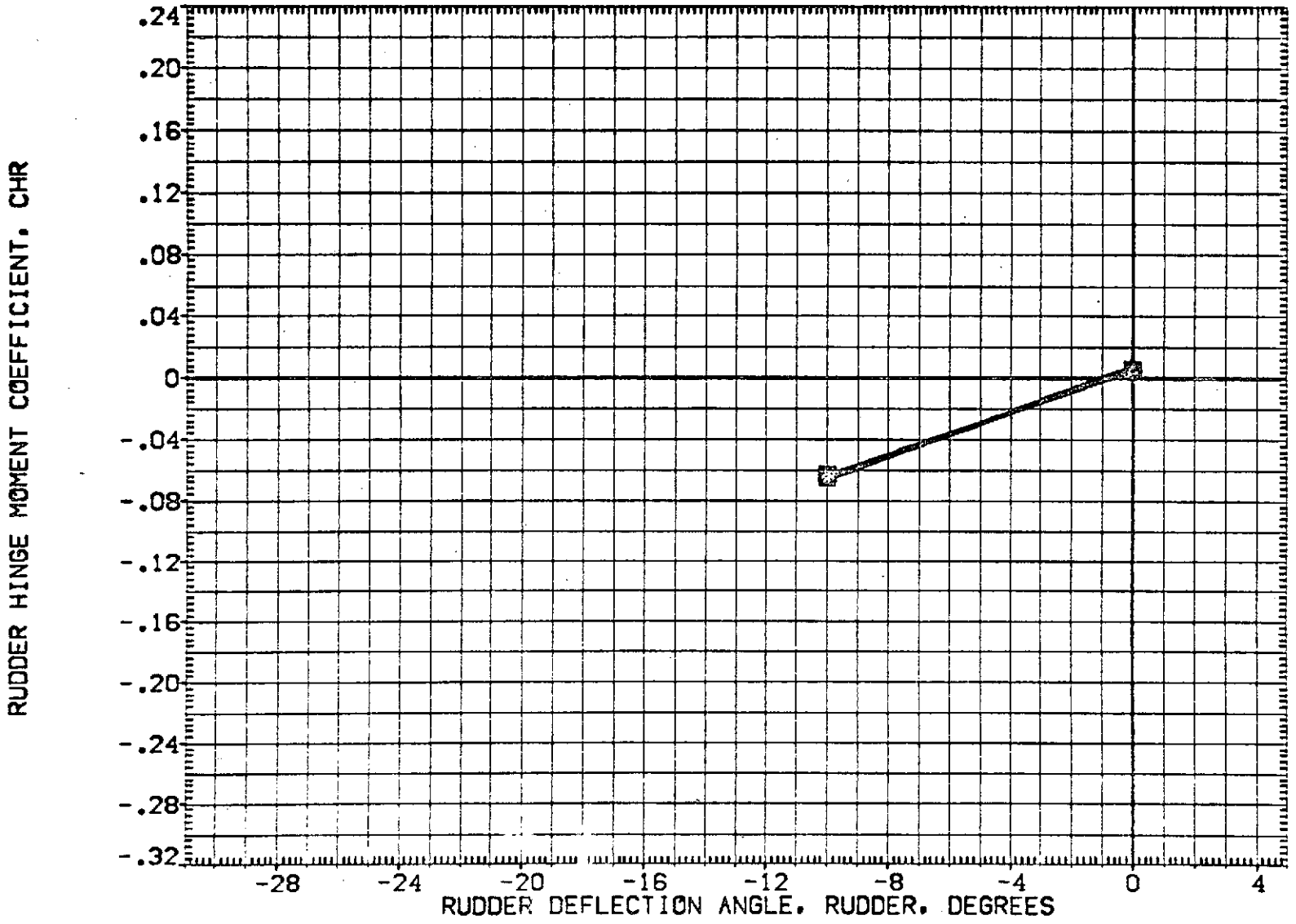


FIG 18 RUDDER EFFECTIVENESS DERIVATIVES, SPDBRK = 0 DEG.

0A37 B26 C9 F9 M7 W116 E37 V8 R5 (EF2064)

SYMBOL	ALPHA		PARAMETRIC VALUES		
○	.000	MACH	.260	BETA	2.000
□	10.000	BDFLAP	-11.700	ELEVON	.000
◇	15.000	AILRON	.000	SPDBRK	.000
△	20.000				

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
LREF	474.8000	INCHES
BREF	936.6000	INCHES
XMRP	1076.7000	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0300	

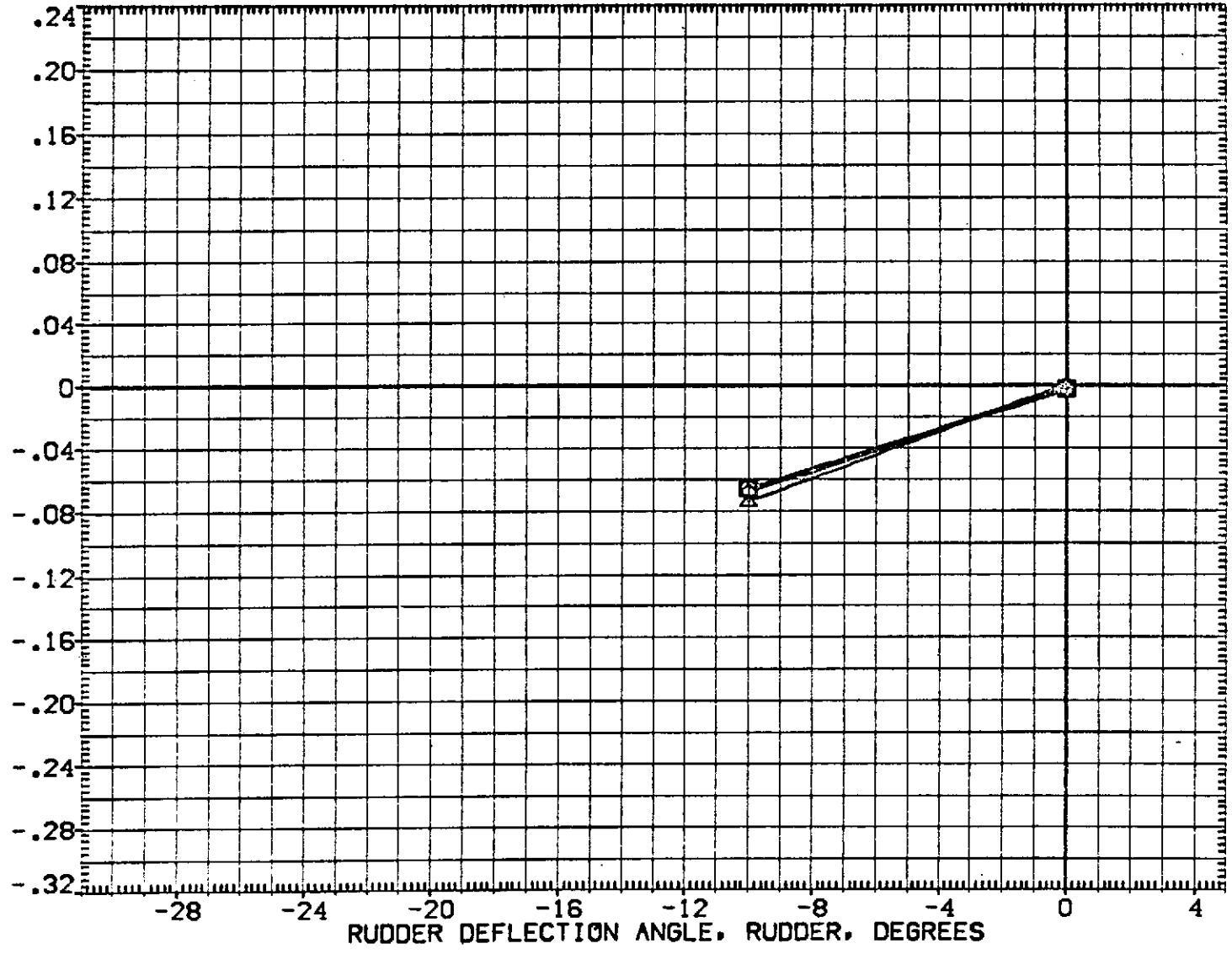


FIG 18 RUDDER EFFECTIVENESS DERIVATIVES, SPDBRK = 0 DEG.

SYMBOL	ALPHA		PARAMETRIC VALUES		
○	.000	MACH	.260	BETA	4.000
□	10.000	BDFLAP	-11.700	ELEVON	.000
◇	15.000	AILRON	.000	SPDBRK	.000
△	20.000				

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.8000	INCHES
BREF	936.8000	INCHES
XMRP	1076.7000	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0300	

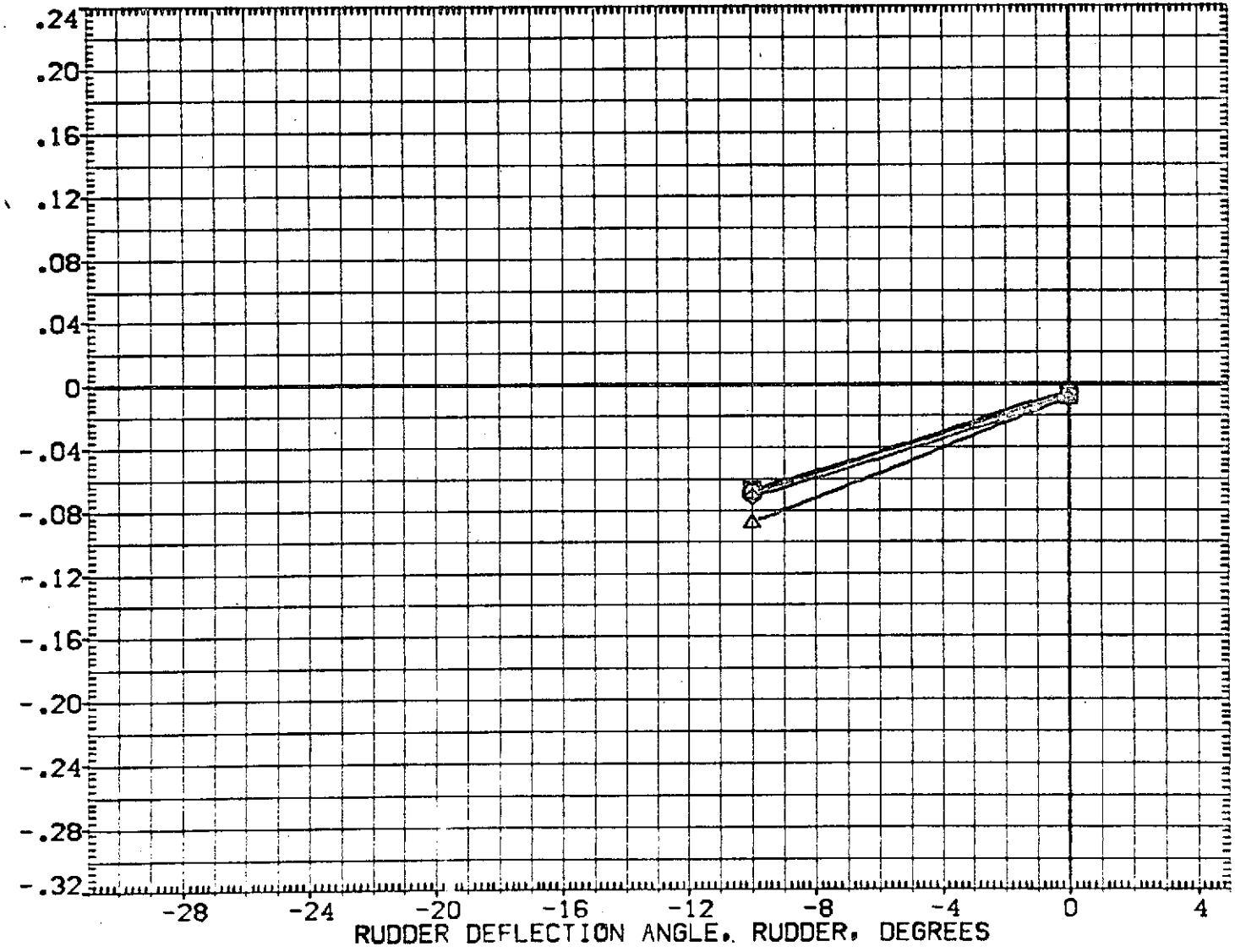


FIG 18 RUDDER EFFECTIVENESS DERIVATIVES, SPDBRK = 0 DEG.

0A37 B26 C9 F9 M7 W116 E37 V8 R5 (EF2064)

SYMBOL	ALPHA		PARAMETRIC VALUES		
○	.000	MACH	.260	BETA	6.000
□	10.000	BDFLAP	-11.700	ELEVON	.000
◇	15.000	AILRON	.000	SPDBRK	.000
△	20.000				

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
LREF	474.8000	INCHES
BREF	936.8000	INCHES
XMRP	1076.7000	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0300	

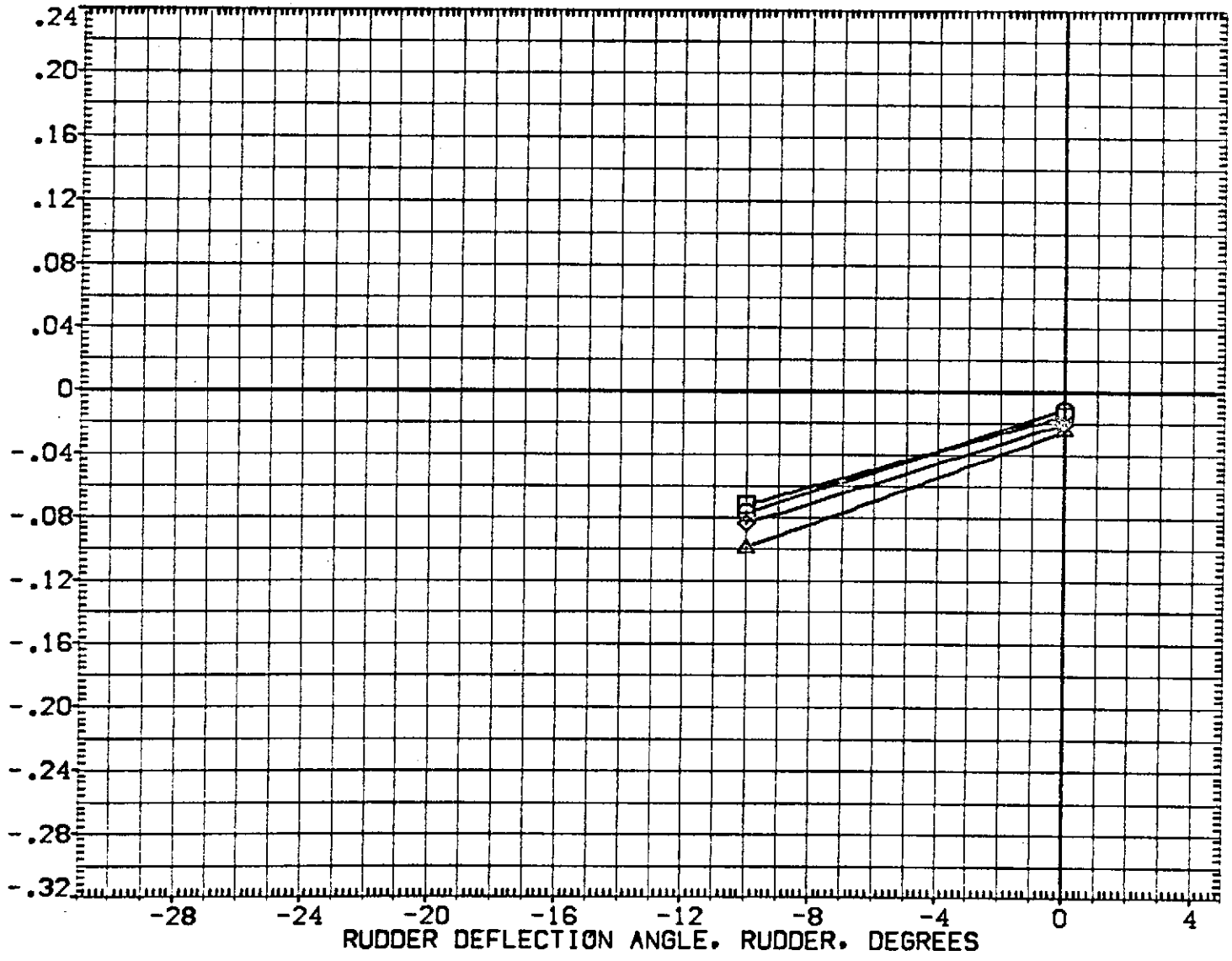


FIG 18 RUDDER EFFECTIVENESS DERIVATIVES, SPDBRK = 0 DEG.

SYMBOL	ALPHA		PARAMETRIC VALUES		
○	.000	MACH	.280	BETA	0.000
□	10.000	EOFLAP	-11.700	ELEVON	.000
◇	15.000	AILRON	.000	SPDBRK	.000
△	20.000				

REFERENCE INFORMATION		
SREF	2650.0000	SQ.FT.
LREF	474.8000	INCHES
BREF	936.8000	INCHES
XMRP	1076.7000	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0300	

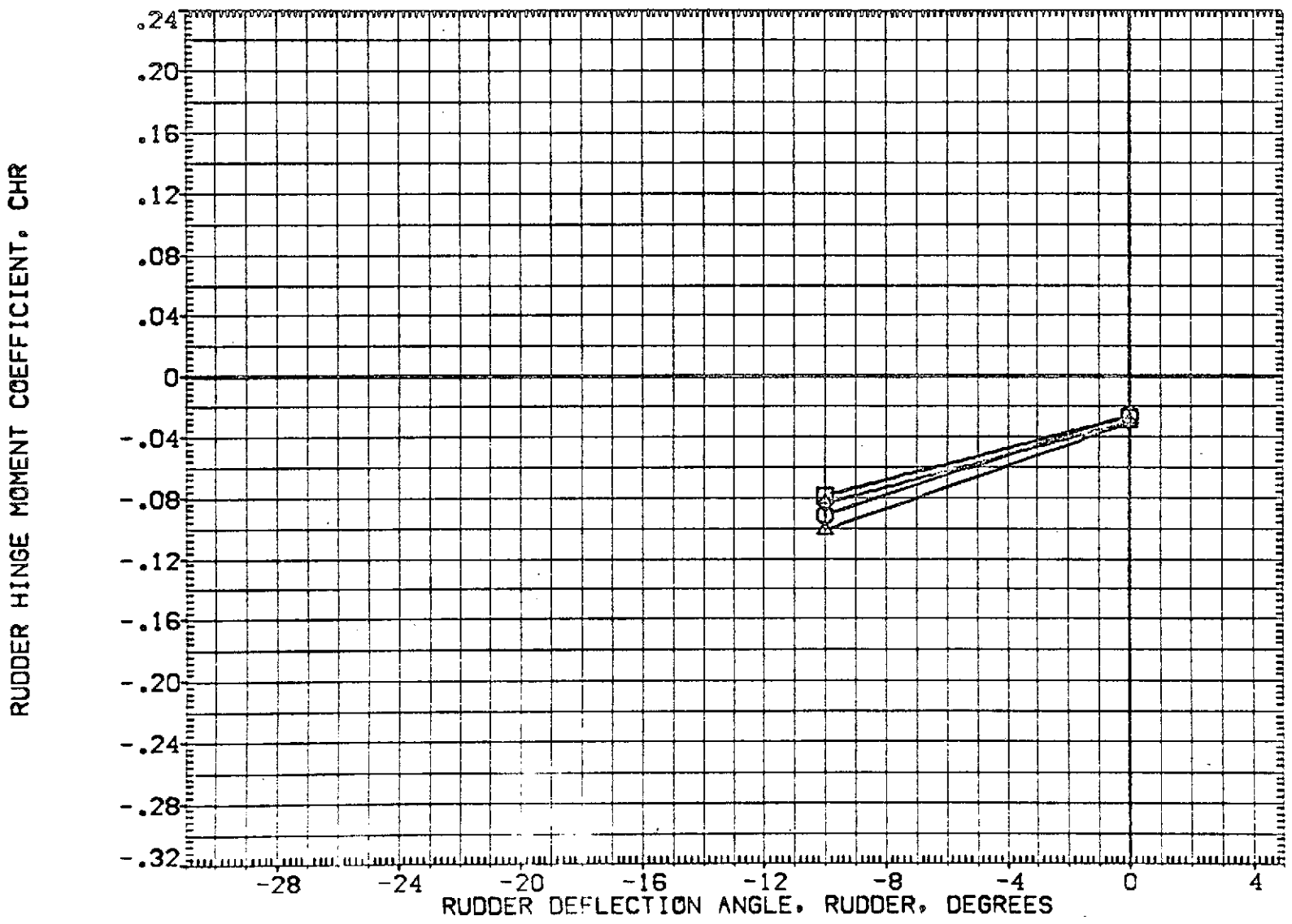


FIG 18 RUDDER EFFECTIVENESS DERIVATIVES, SPDBRK = 0 DEG.

0A37 B26 C9 F9 M7 W116 E37 V8 R5 (EF2064)

SYMBOL	ALPHA		PARAMETRIC VALUES		
○	.000	MACH	.260	BETA	10.000
□	10.000	BDFLAP	-11.700	ELEVON	.000
◇	15.000	AILRON	.000	SPDBRK	.000
△	20.000				

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
LREF	474.8000	INCHES
BREF	936.8000	INCHES
XMRP	1076.7000	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0300	

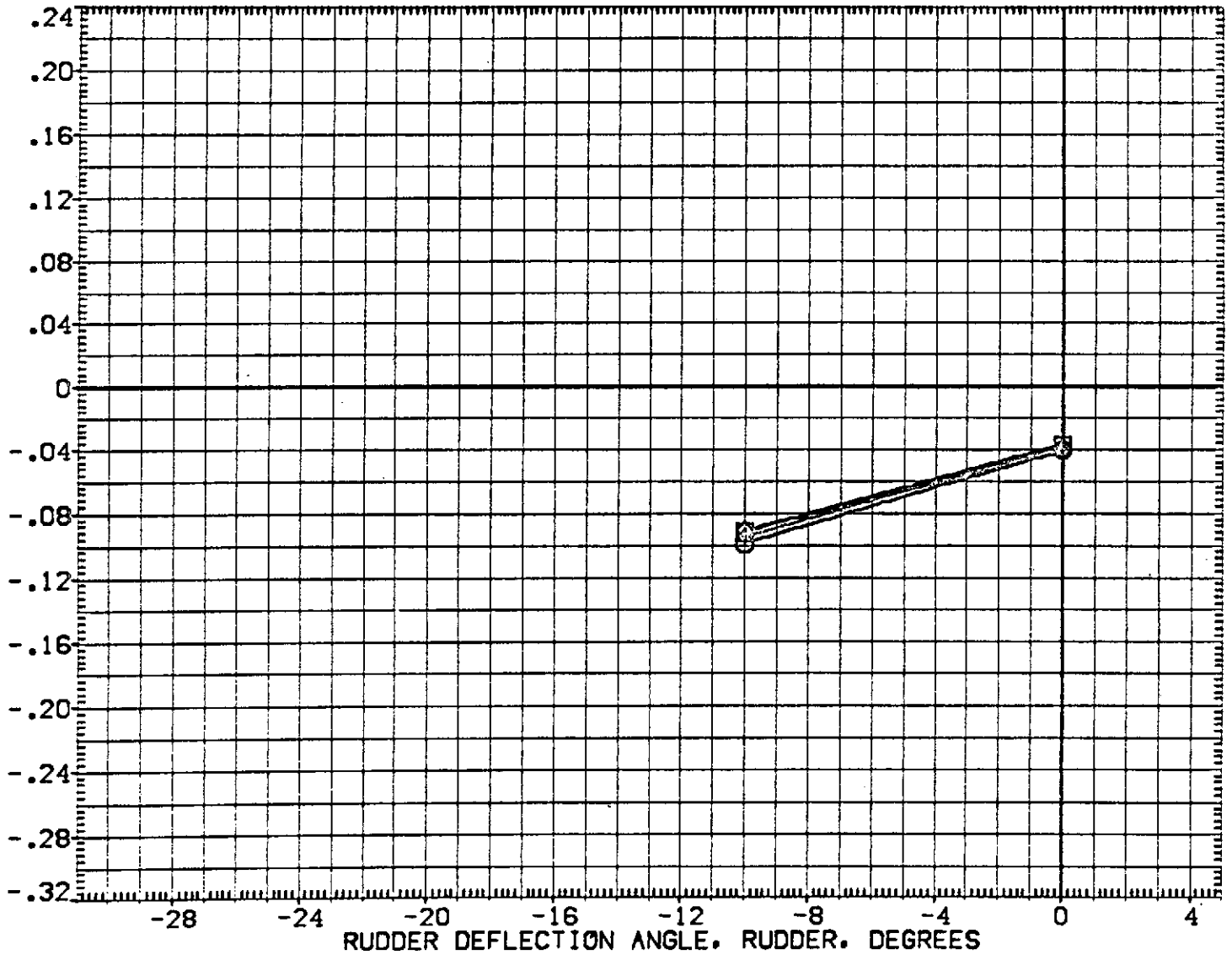


FIG 18 RUDDER EFFECTIVENESS DERIVATIVES, SPDBRK = 0 DEG.

0A37 B26 C9 F9 M7 W116 E37 V8 R5 (MF2064)

SYMBOL	DRUDER		PARAMETRIC VALUES		
○	-10.000	MACH	.280	BETA	-10.000
□	.000	ELEVON	.000	AILRON	.000
		EDFLAP	-11.700	SPDBRK	.000

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
LREF	474.8000	INCHES
BREF	936.8000	INCHES
XMRP	1076.7000	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0300	

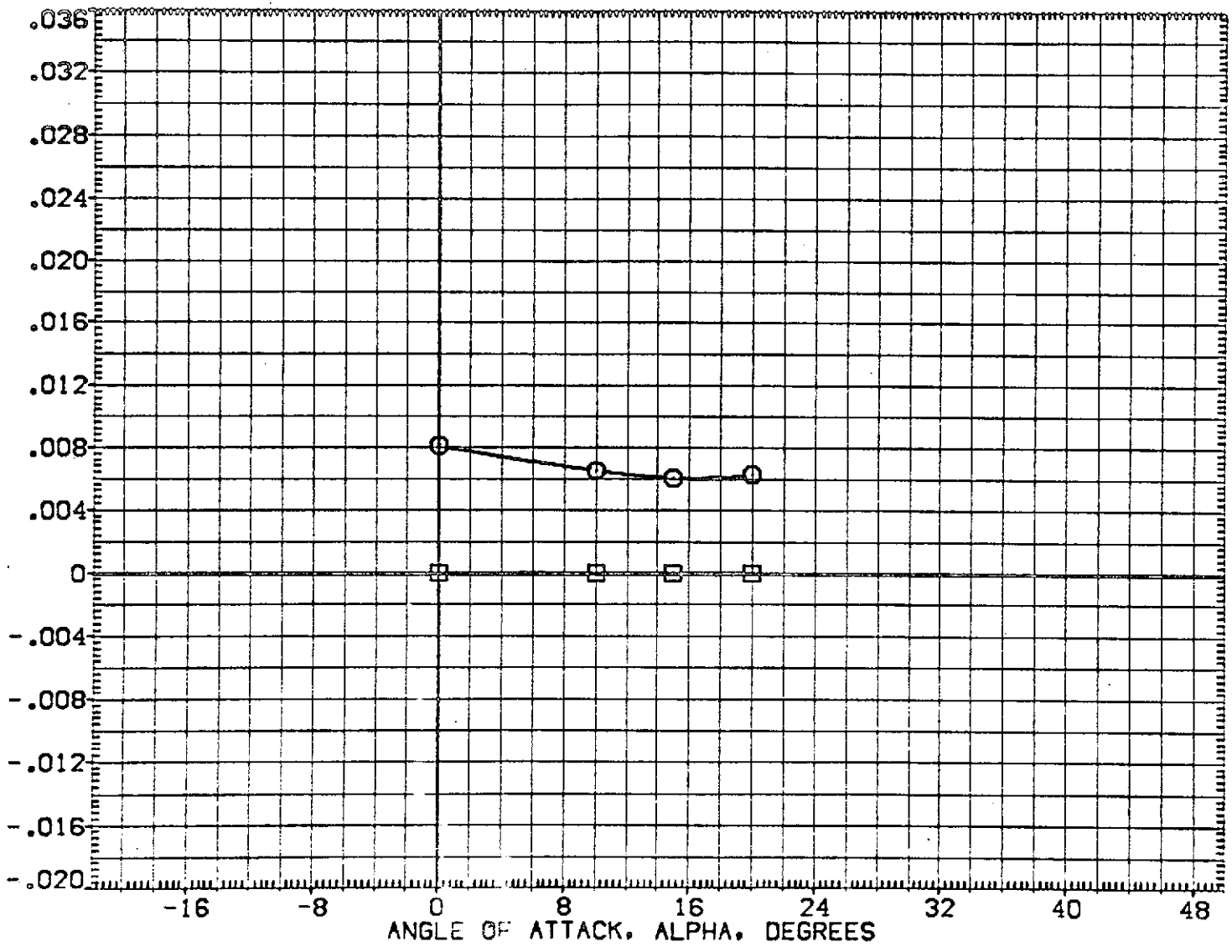


FIG 18 RUDDER EFFECTIVENESS DERIVATIVES, SPDBRK = 0 DEG.

0A37 B26 C9 F9 M7 W116 E37 V8 R5 (MF2064)

SYMBOL	RUDDER	PARAMETRIC VALUES			
○	-10.000	MACH	.260	BETA	-8.000
□	.000	ELEVON	.000	AILRON	.000
		BOFLAP	-11.700	SPDBRK	.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.8000	INCHES
BREF	936.8000	INCHES
XMRP	1076.7000	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0300	

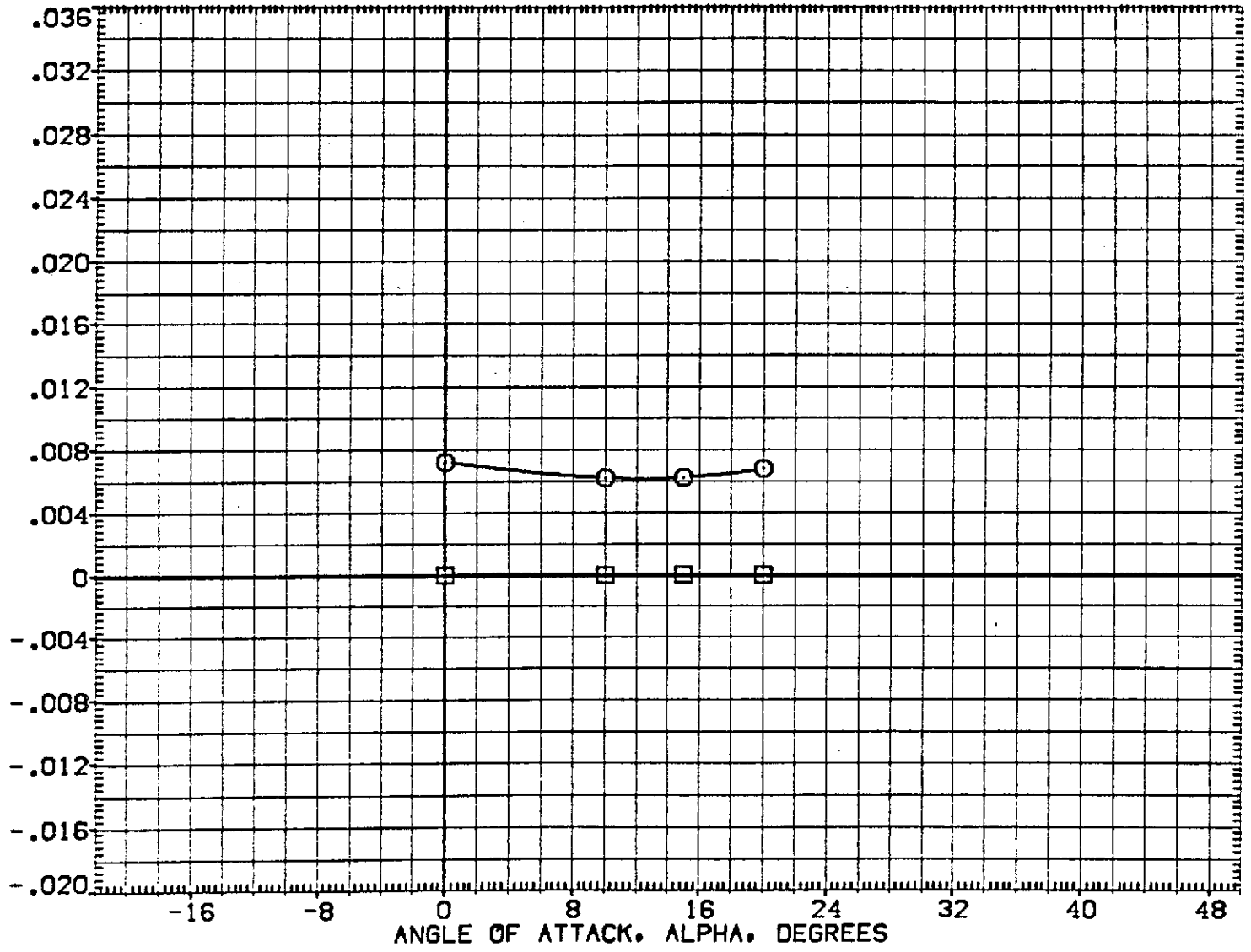


FIG 18 RUDDER EFFECTIVENESS DERIVATIVES, SPDBRK = 0 DEG.

0A37 B26 C9 F9 M7 W116 E37 V8 R5 (MF2064)

SYMBOL	DRUDER		PARAMETRIC VALUES		
○	-10.000	MACH	.260	BETA	-5.000
□	.000	ELEVON	.000	AILRON	.000
		EDFLAP	-11.700	SPDBRK	.000

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
LREF	474.8000	INCHES
BREF	936.3000	INCHES
XMRP	1076.7000	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0300	

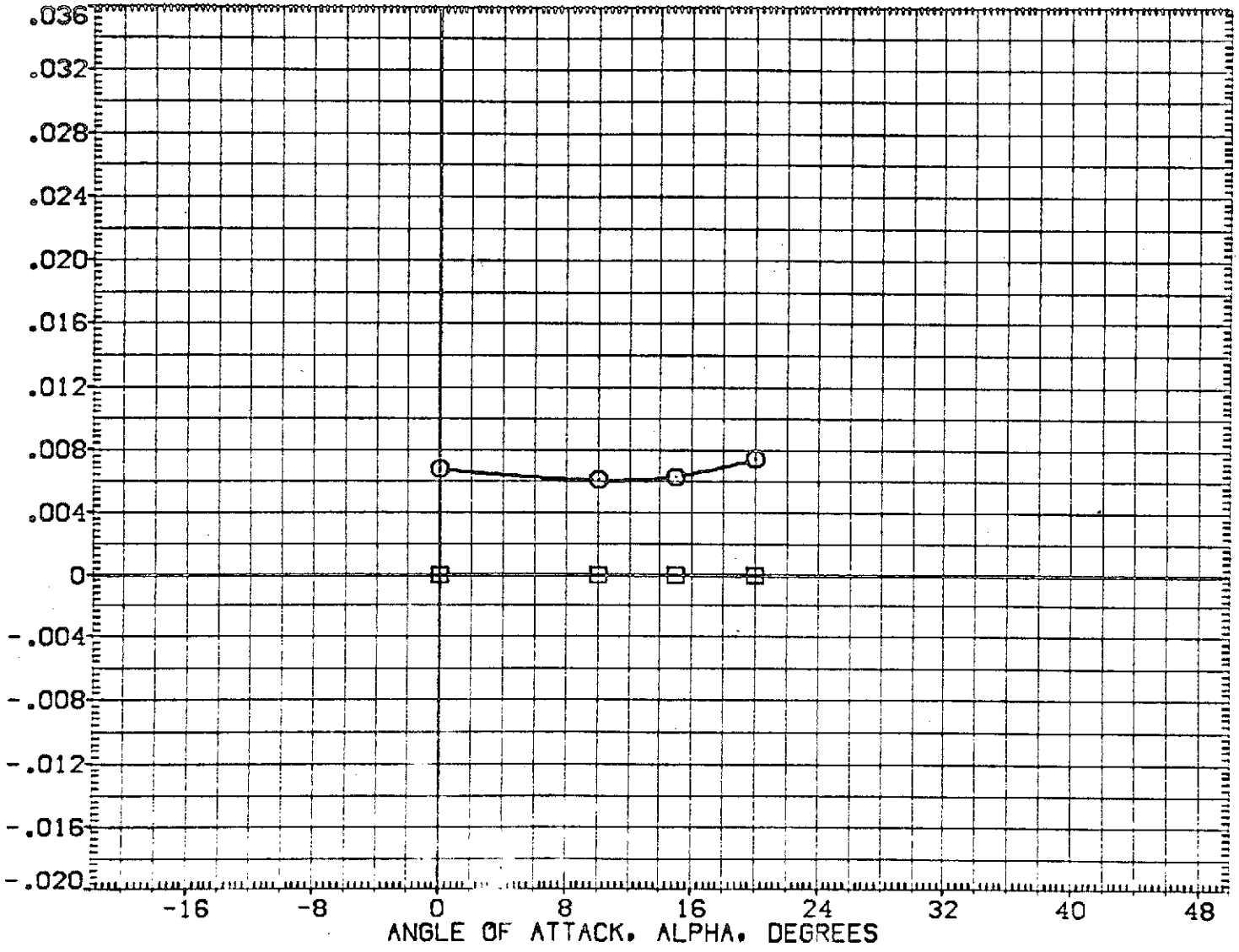


FIG 18 RUDDER EFFECTIVENESS DERIVATIVES, SPDBRK = 0 DEG.

0A37 B26 C9 F9 M7 W116 E37 V8 R5 (MF2064)

SYMBOL	DRUDER		PARAMETRIC VALUES		
○	-10.000	MACH	.260	BETA	-4.000
□	.000	ELEVON	.000	AILRON	.000
		BOFLAP	-11.700	SPDBRK	.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.8000	INCHES
BREF	936.8000	INCHES
XMRP	1076.7000	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0300	

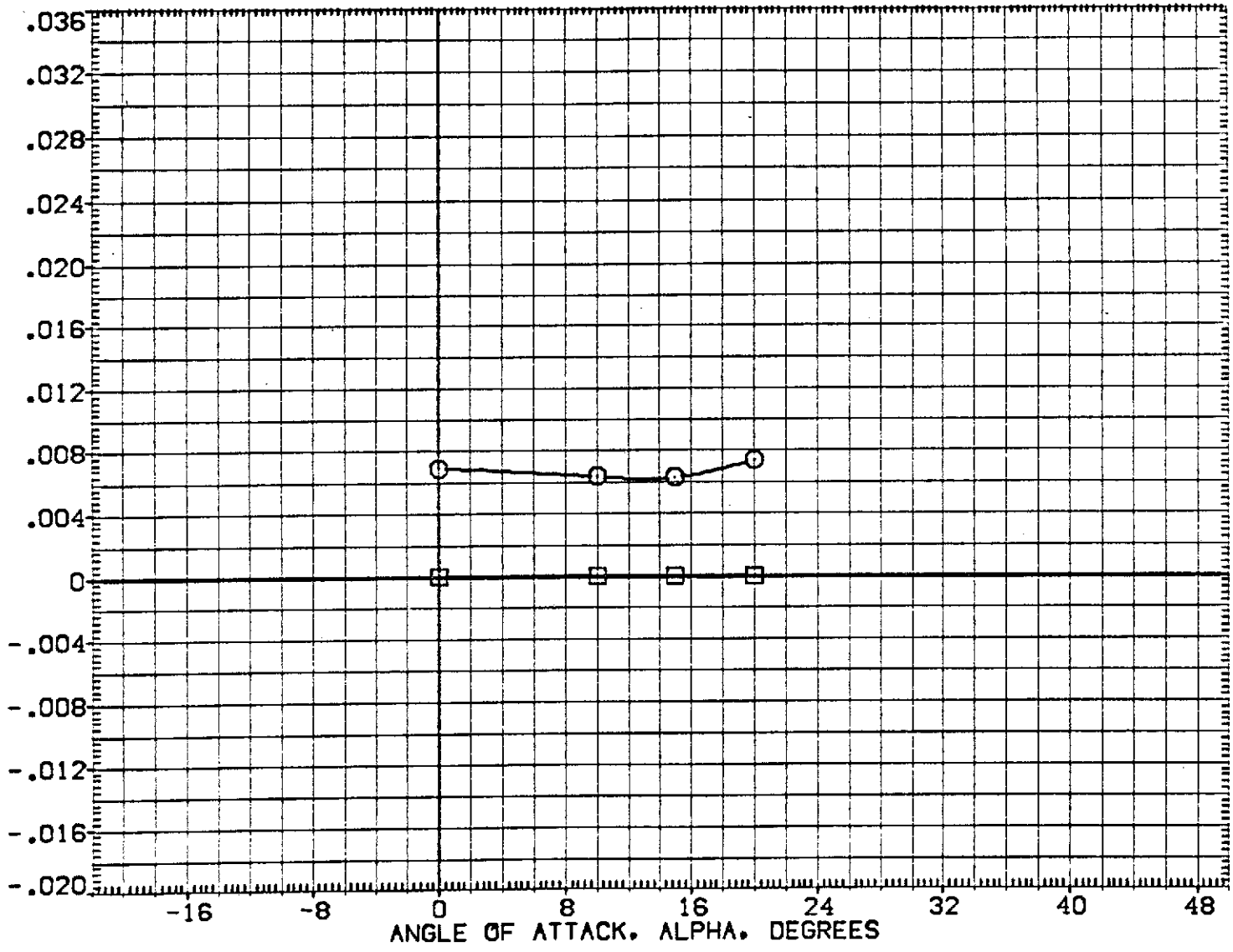


FIG 18 RUDDER EFFECTIVENESS DERIVATIVES, SPDBRK = 0 DEG.

0A37 B26 C9 F9 M7 W116 E37 V8 R5 (MF2064)

SYMBOL	DRUDER		PARAMETRIC VALUES		
○	-10.000	MACH	.360	BETA	-2.000
□	.000	ELEVON	.000	AILRON	.000
		EDFLAP	-11.700	SPDBRK	.000

REFERENCE INFORMATION		
SREF	2650.0000	SQ.FT.
LREF	474.8000	INCHES
BREF	935.8000	INCHES
XMRP	1076.7000	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0300	

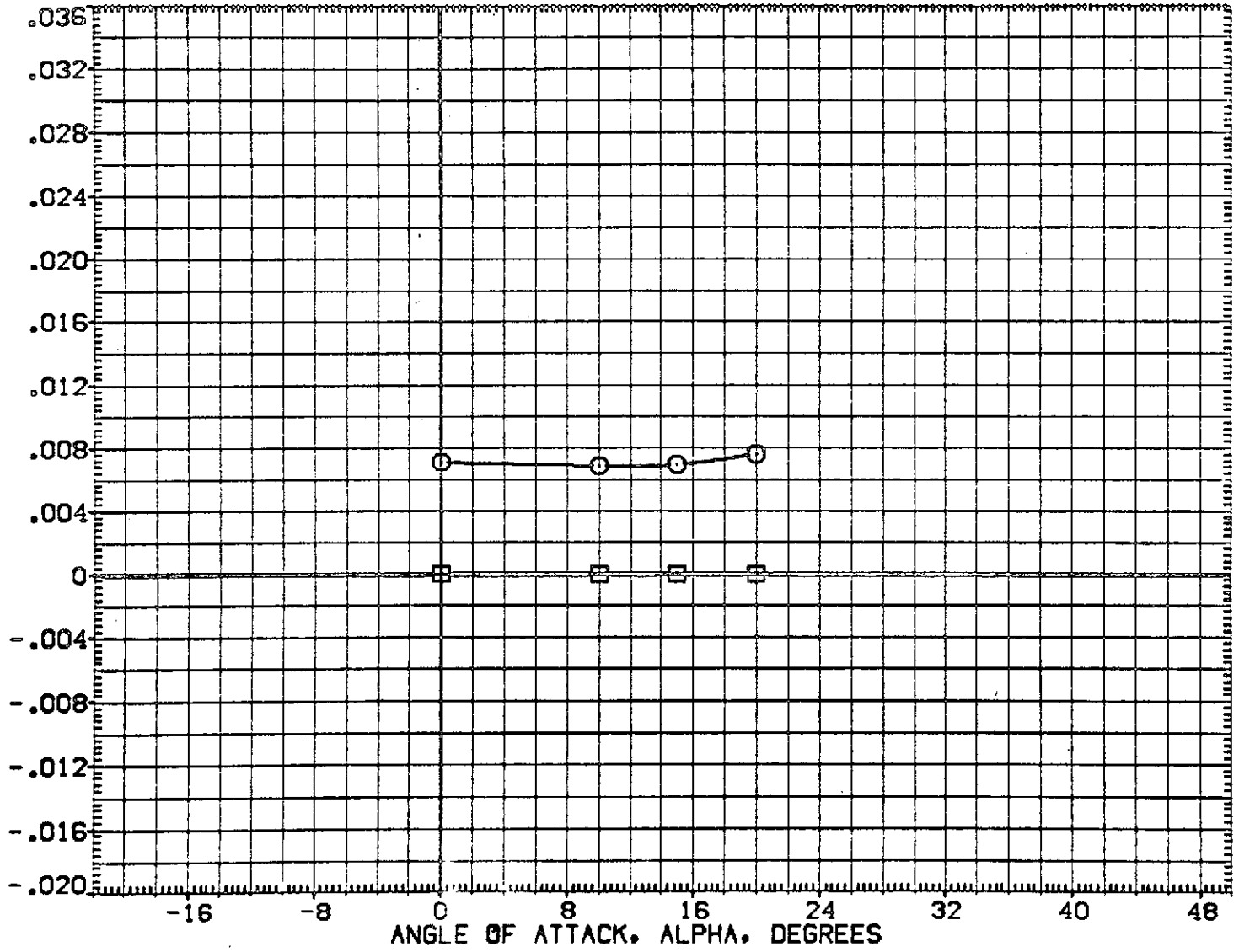


FIG 18 RUDDER EFFECTIVENESS DERIVATIVES, SPDBRK = 0 DEG.

0A37 B26 C9 F9 M7 W116 E37 V8 R5 (MF2064)

SYMBOL	DRUDER		PARAMETRIC VALUES		
○	-10.000	MACH	.260	BETA	.000
□	.000	ELEVON	.000	AILRON	.000
		BOFLAP	-11.700	SPDBRK	.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.8000	INCHES
BREF	935.9000	INCHES
XMRP	1076.7000	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0300	

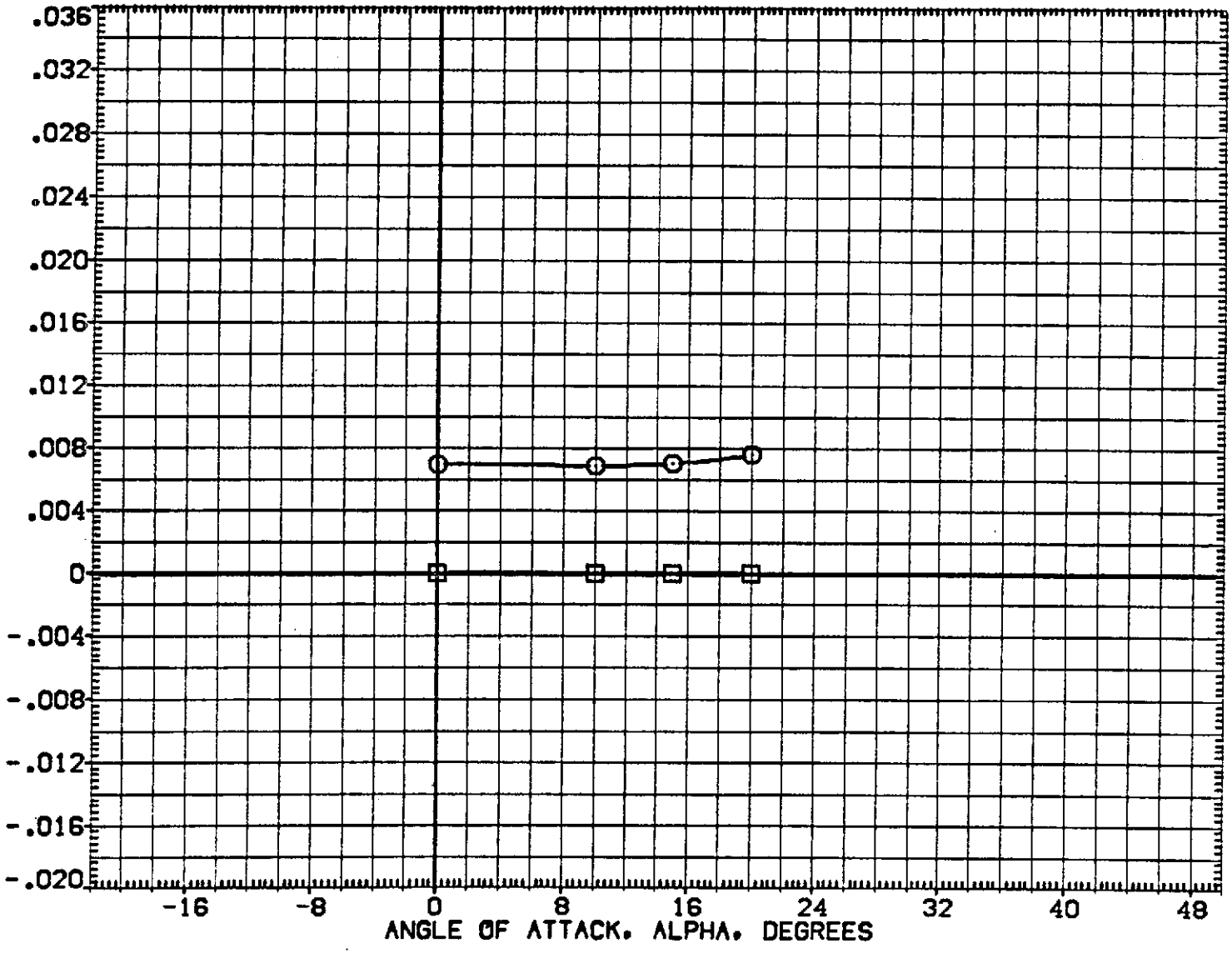
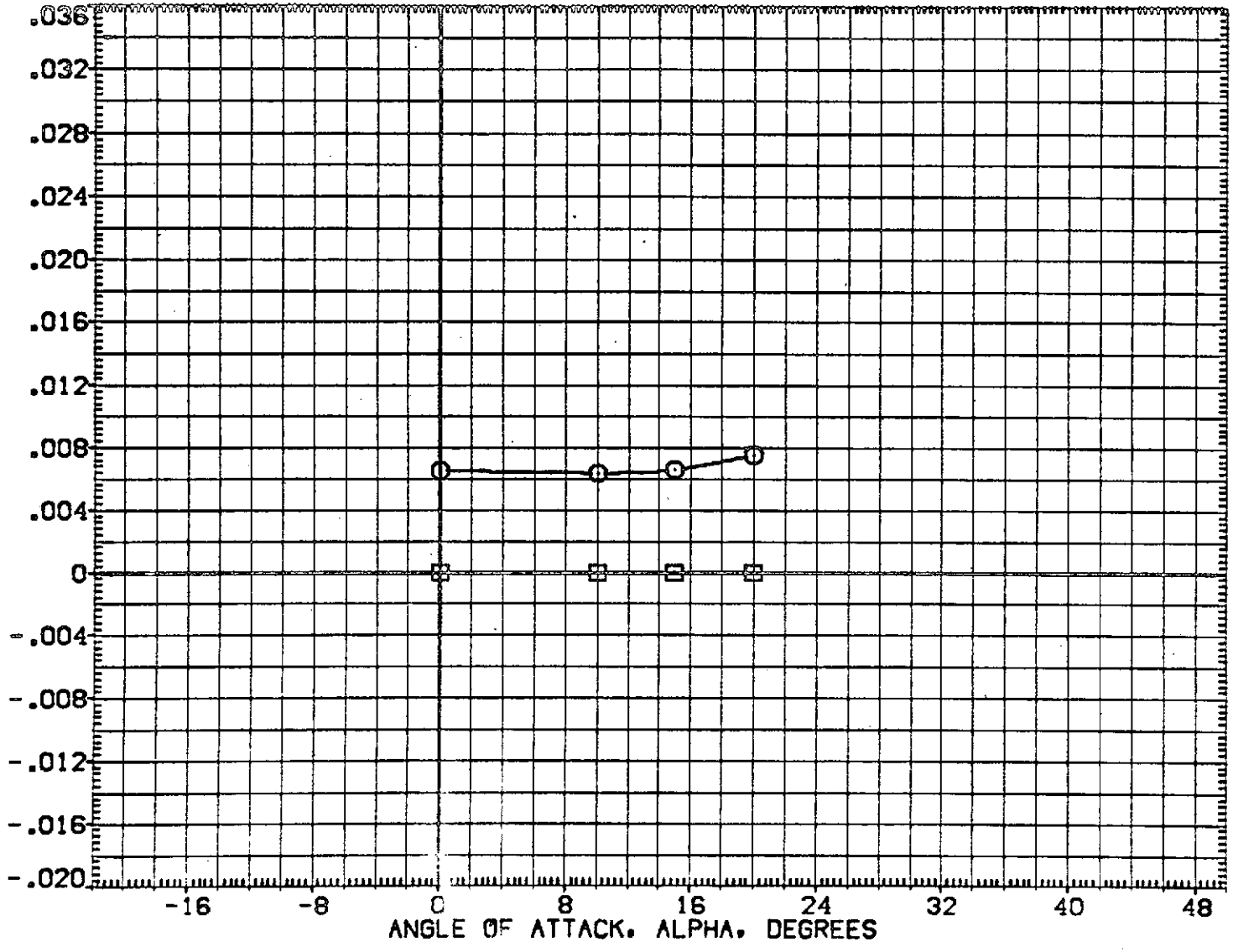


FIG 18 RUDDER EFFECTIVENESS DERIVATIVES. SPDBRK = 0 DEG.

0A37 B26 C9 F9 M7 W116 E37 V8 R5 (MF2064)

SYMBOL	DRUDER		PARAMETRIC VALUES		
○	-10.000	MACH	.250	BETA	2.000
□	.000	ELEVSN	.000	AILRSN	.000
		EDFLAP	-11.700	SPDBRK	.000

REFERENCE INFORMATION		
SREF	2630.0000	SQ.FT.
LREF	474.8000	INCHES
BREF	936.0300	INCHES
XMRP	1076.7000	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0300	



RUDDER HINGE MOMENT COEF. DERIVATIVE WITH RUDDER DEFLN. CHDR. PER DEG.

FIG 18 RUDDER EFFECTIVENESS DERIVATIVES, SPDBRK = 0 DEG.

SYMBOL	DRUDER	PARAMETRIC VALUES			
○	-10.000	MACH	.260	BETA	4.000
□	.000	ELEVON	.000	AILRON	.000
		BOFLAP	-11.700	SPDBRK	.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.0000	INCHES
BREF	935.8000	INCHES
XMRP	1076.7000	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0300	

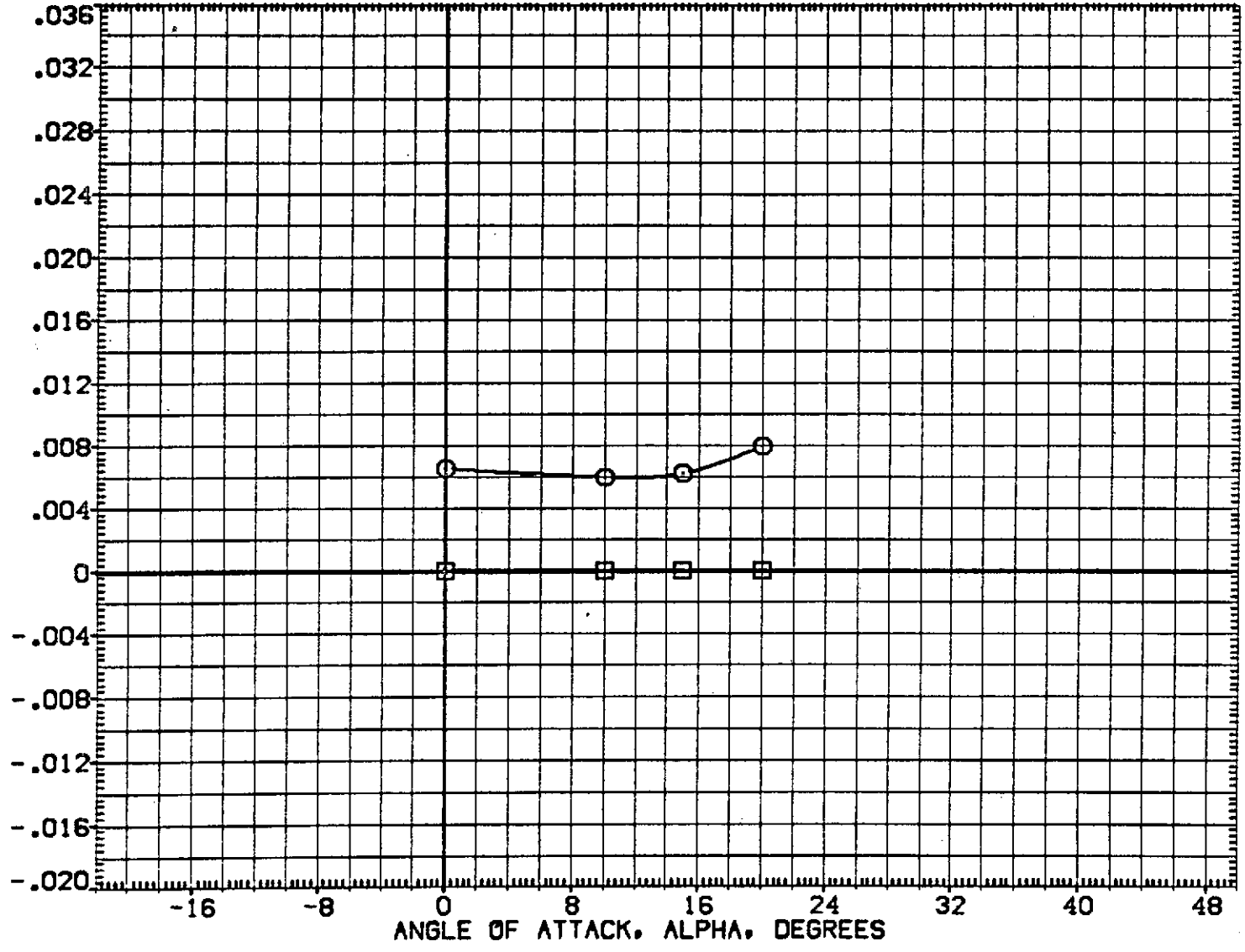


FIG 18 RUDDER EFFECTIVENESS DERIVATIVES, SPDBRK = 0 DEG.

0A37 B26 C9 F9 M7 W116 E37 V8 R5 (MF2064)

SYMBOL	RUDDER		PARAMETRIC VALUES		
○	-10.000	MACH	.200	BETA	6.000
□	.000	ELEVON	.000	AILRON	.000
		EDFLAP	-11.700	SPDBRK	.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.8000	INCHES
BREF	936.6000	INCHES
XMRP	1076.7000	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0300	

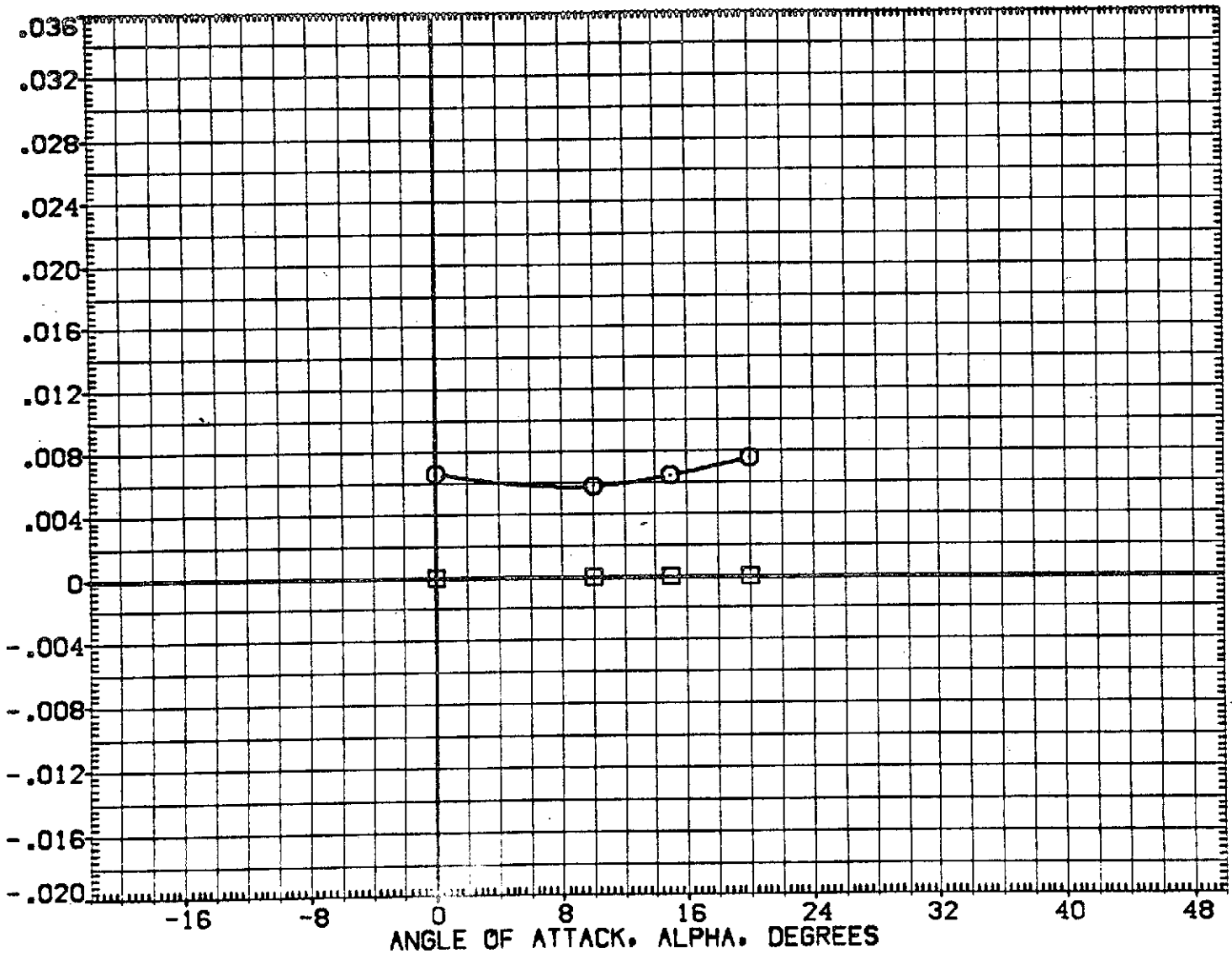


FIG 18 RUDDER EFFECTIVENESS DERIVATIVES, SPDBRK = 0 DEG.

SYMBOL	DRUDER		PARAMETRIC VALUES		
○	-10.000	MACH	.260	BETA	0.000
□	.000	ELEVON	.000	AILRON	.000
		BDFLAP	-11.700	SPDBRK	.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.6000	INCHES
BREF	935.8000	INCHES
XMRP	1076.7000	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0300	

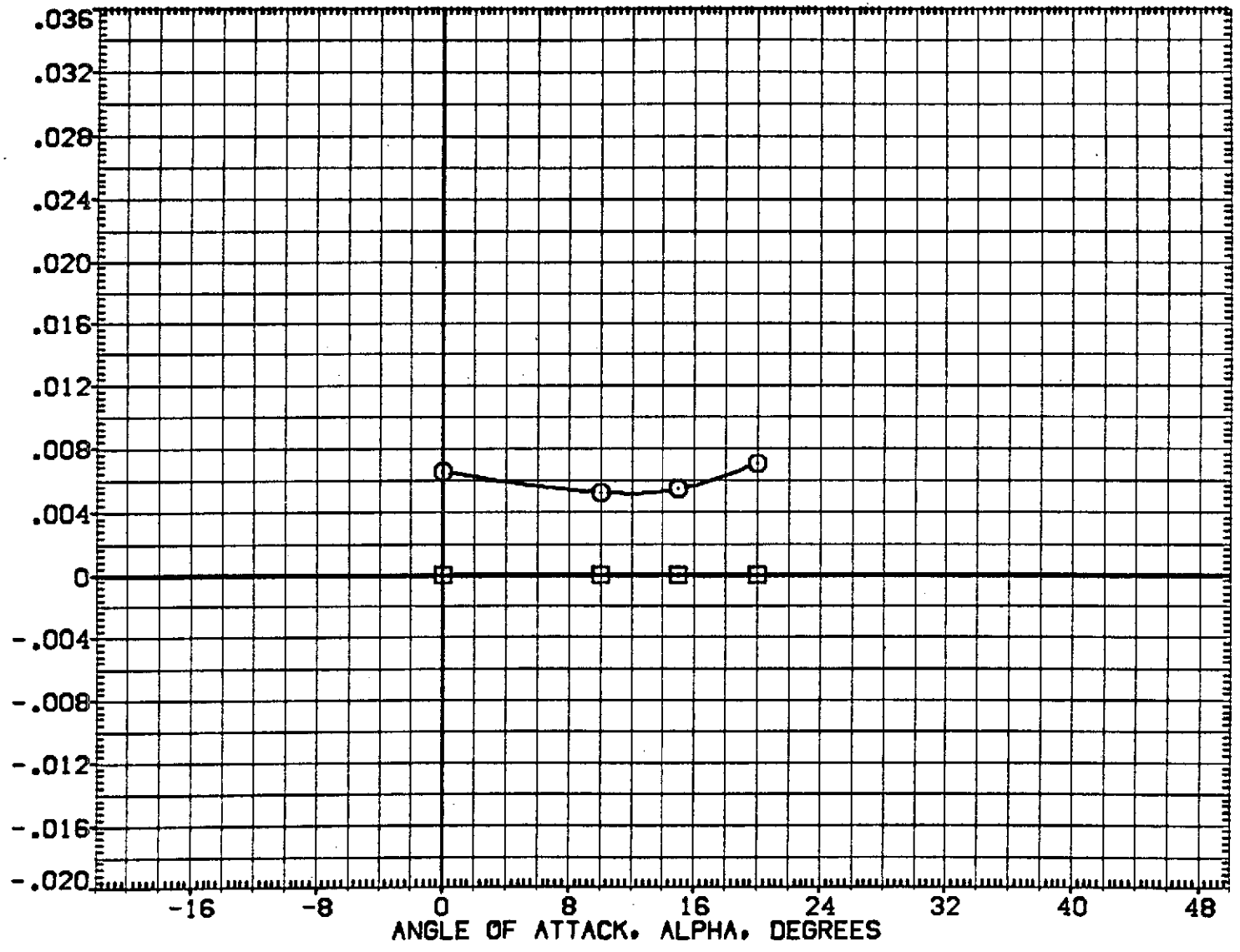


FIG 18 RUDDER EFFECTIVENESS DERIVATIVES, SPDBRK = 0 DEG.

0A37 B26 C9 F9 M7 W116 E37 V8 R5 (MF2064)

SYMBOL	RUDDER		PARAMETRIC VALUES		
○	-10.000	MACH	.260	BETA	10.000
□	.000	ELEVON	.000	AILRON	.000
		DOFLAP	-11.700	SPDBRK	.000

REFERENCE INFORMATION

SREF	2890.0000	SQ.FT.
LREF	474.8000	INCHES
BREF	936.6000	INCHES
XMRP	1076.7000	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0300	

RUDDER HINGE MOMENT COEF. DERIVATIVE WITH RUDDER DEFLN. CHOR. PER DEG.

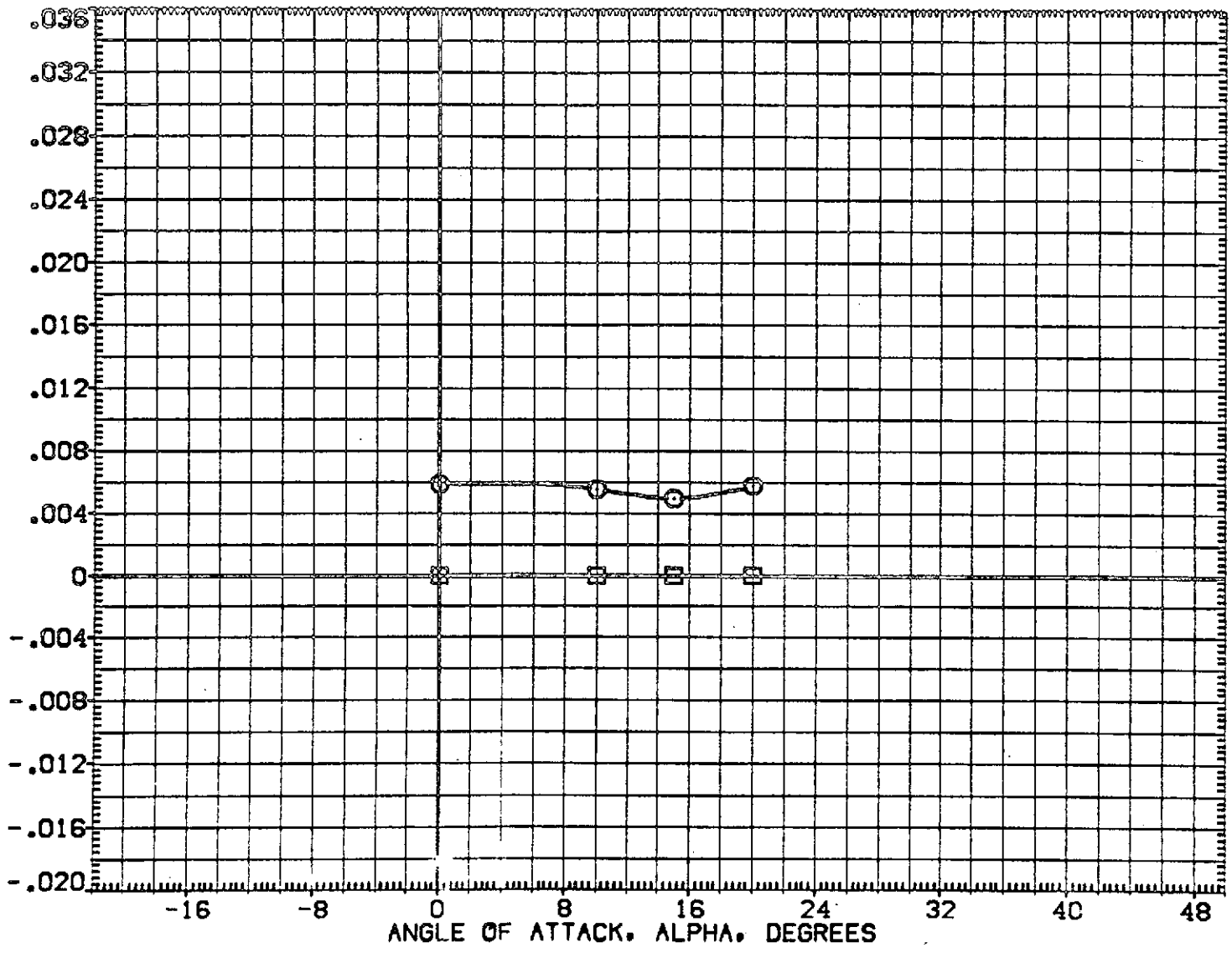


FIG 18 RUDDER EFFECTIVENESS DERIVATIVES, SPDBRK = 0 DEG.

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ALPHA	SPDBRK	RUDDER	BDFLAP
(RF2048)	□	0A37 B26 C9 F9 H7 V11GE37V8 R5	.000	25.000	-25.000	-12.000
(RF2044)	◇	0A37 B26 C9 F9 H7 V11GE37V8 R5	.000	25.000	-10.000	-12.000
(RF2002)	△	0A37 B26 C9 F9 H7 V11GE37V8 R5	.000	25.000	.000	-12.000
(RF2049)	▽	0A37 B26 C9 F9 H7 V11GE37V8 R5	10.000	25.000	-25.000	-12.000
(RF2045)	◁	0A37 B26 C9 F9 H7 V11GE37V8 R5	10.000	25.000	-10.000	-12.000
(RF2003)	▷	0A37 B26 C9 F9 H7 V11GE37V8 R5	10.000	25.000	.000	-12.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.0000	INCHES
BREF	936.0000	INCHES
XMRP	1076.7000	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0300	SCALE

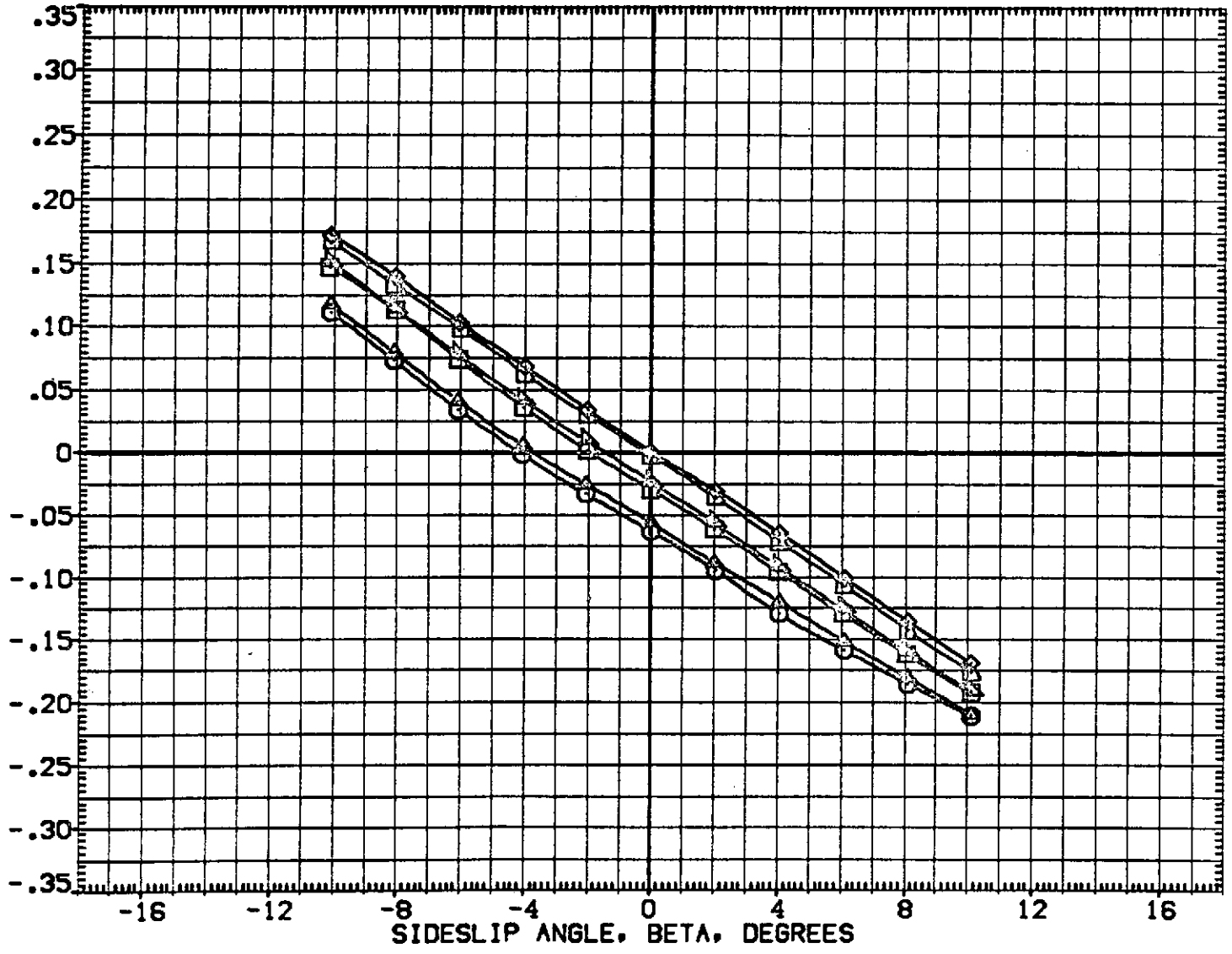


FIG 19 RUDDER EFFECTIVENESS, SPDBRK = 25 DEG., ALPHA = 0 AND 10 DEG.

(A)MACH = .26

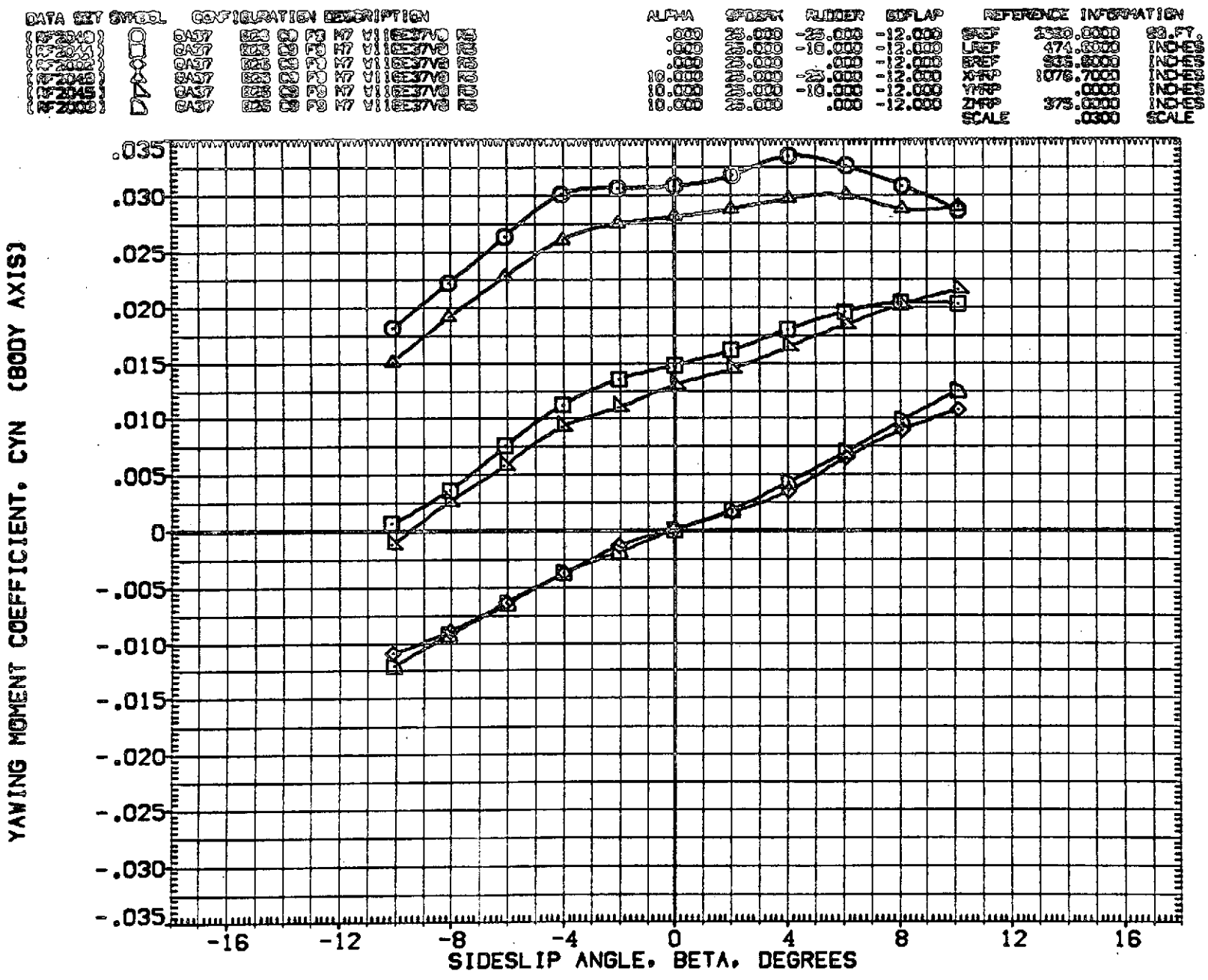


FIG 19 RUDDER EFFECTIVENESS, SPDBRK = 25 DEG., ALPHA = 0 AND 10 DEG.

(A)MACH = .26

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ALPHA	SPDBRK	RUDDER	BDFLAP	REFERENCE INFORMATION		
[illegible]	○	0A37 [illegible] C9 F9 M7 W116E37V8 R5	.000	25.000	-25.000	-12.000	SREF	2630.0000	SQ.FT.
[illegible]	□	0A37 [illegible] C9 F9 M7 W116E37V8 R5	.000	25.000	-10.000	-12.000	LREF	474.0000	INCHES
[illegible]	◇	0A37 [illegible] C9 F9 M7 W116E37V8 R5	.000	25.000	.000	-12.000	BREF	900.0000	INCHES
[illegible]	△	0A37 [illegible] C9 F9 M7 W116E37V8 R5	10.000	25.000	-25.000	-12.000	XMRP	1076.7000	INCHES
[illegible]	▽	0A37 [illegible] C9 F9 M7 W116E37V8 R5	10.000	25.000	-10.000	-12.000	YMRP	.0000	INCHES
[illegible]	▷	0A37 [illegible] C9 F9 M7 W116E37V8 R5	10.000	25.000	.000	-12.000	ZMRP	375.0000	INCHES
							SCALE	.0300	SCALE

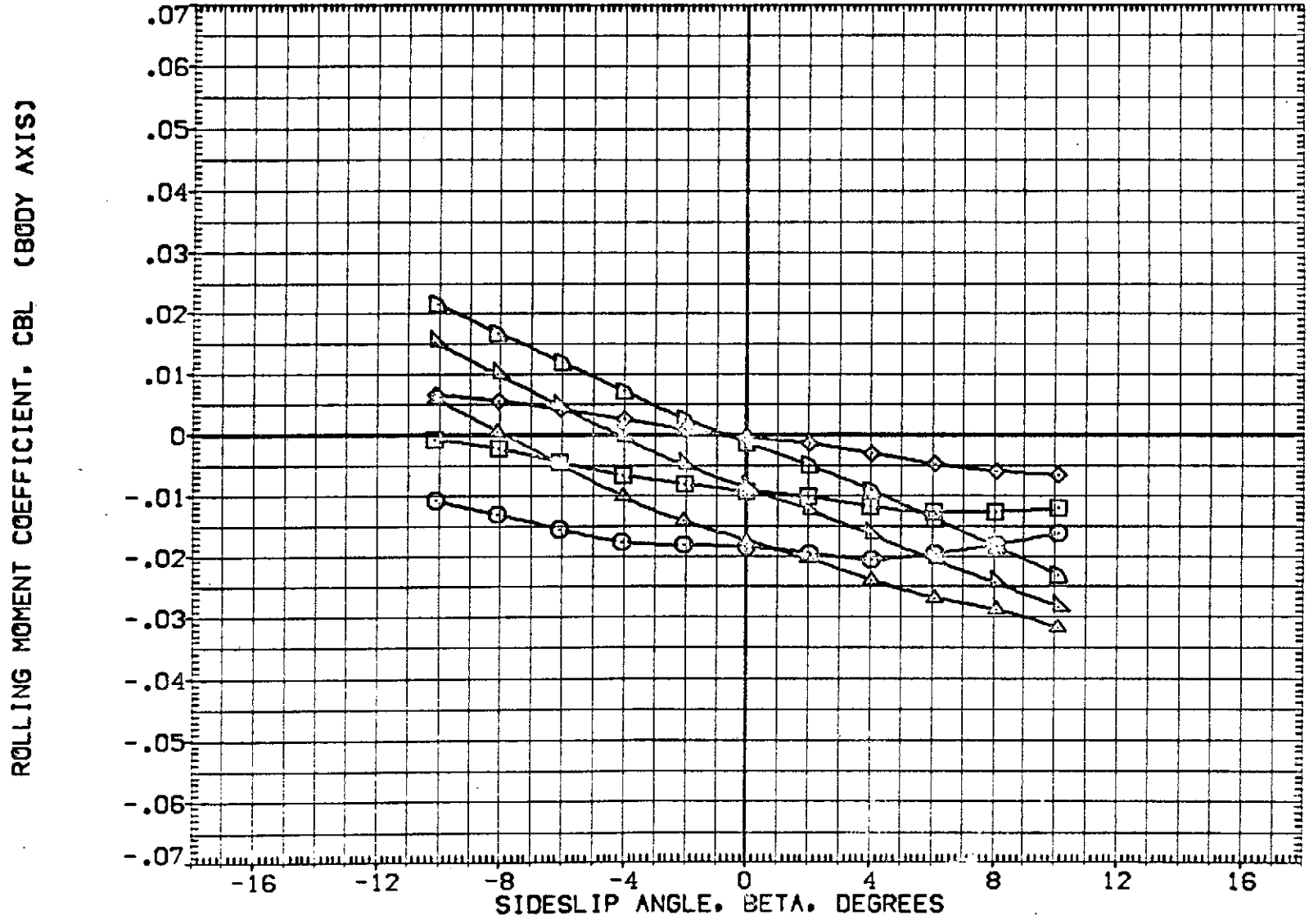


FIG 19 RUDDER EFFECTIVENESS, SPDBRK = 25 DEG., ALPHA = 0 AND 10 DEG.

(A)MACH = .26

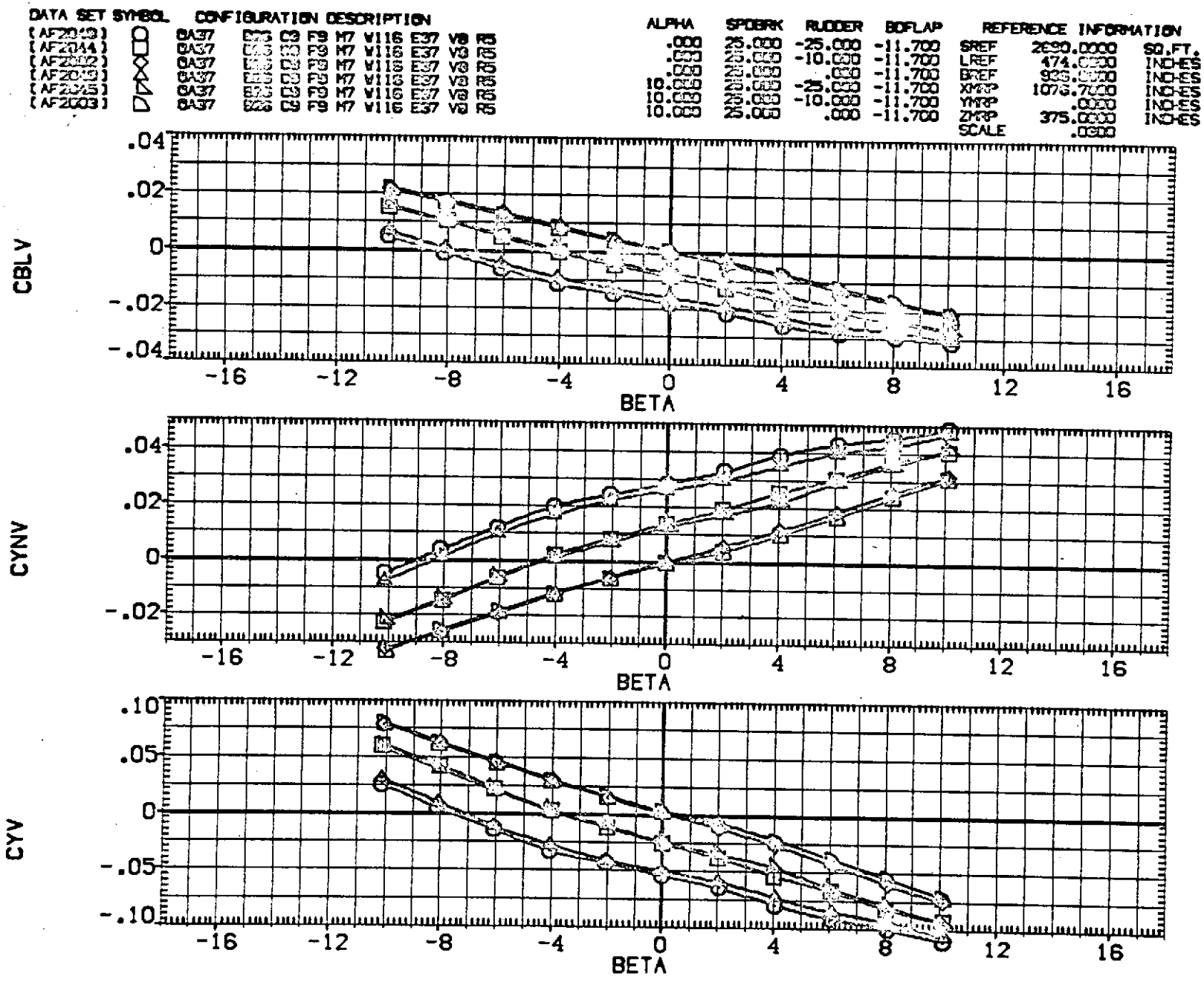


FIG 19 RUDDER EFFECTIVENESS, SPDBRK = 25 DEG., ALPHA = 0 AND 10 DEG.

(A)MACH = .26

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ALPHA	SPDBRK	RUDDER	BOFLAP	REFERENCE INFORMATION		
(AF2043)	○	BA37 B33 C9 F9 M7 W116 E37 V8 R5	.000	25.000	-25.000	-11.700	SREF	2090.0000	SQ.FT.
(AF2044)	□	BA37 B33 C9 F9 M7 W116 E37 V8 R5	.000	25.000	-10.000	-11.700	LREF	474.0000	INCHES
(AF2032)	◇	BA37 B33 C9 F9 M7 W116 E37 V8 R5	.000	25.000	.000	-11.700	BREF	935.0000	INCHES
(AF2039)	△	BA37 B33 C9 F9 M7 W116 E37 V8 R5	10.000	25.000	-25.000	-11.700	XMRP	1076.7000	INCHES
(AF2045)	▽	BA37 B33 C9 F9 M7 W116 E37 V8 R5	10.000	25.000	-10.000	-11.700	YMRP	.0000	INCHES
(AF2033)	▷	BA37 B33 C9 F9 M7 W116 E37 V8 R5	10.000	25.000	.000	-11.700	ZMRP	375.0000	INCHES
							SCALE	.0000	

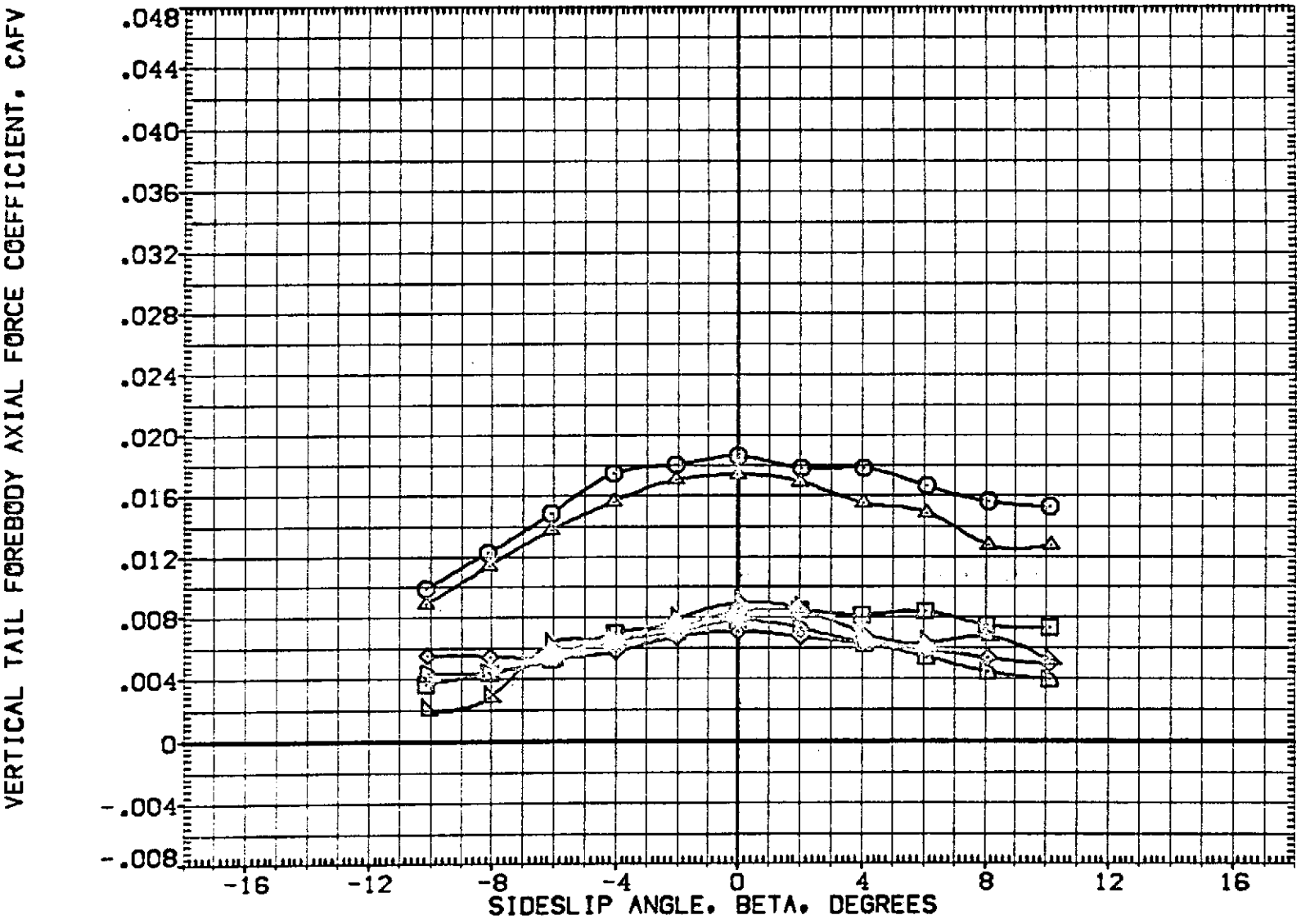


FIG 19 RUDDER EFFECTIVENESS, SPDBRK = 25 DEG., ALPHA = 0 AND 10 DEG.

(A)MACH = .26

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
[illegible]	□	BA37 [illegible] C3 F9 M7 V116 E37 V8 R5
[illegible]	◇	BA37 [illegible] C3 F9 M7 V116 E37 V3 R5
[illegible]	△	BA37 [illegible] C3 F9 M7 V116 E37 V3 R5
[illegible]	▽	BA37 [illegible] C3 F9 M7 V116 E37 V3 R5
[illegible]	◁	BA37 [illegible] C3 F9 M7 V116 E37 V3 R5
[illegible]	▷	BA37 [illegible] C3 F9 M7 V116 E37 V3 R5

ALPHA	SPDBRK	RUDDER	BDFLAP
.000	25.000	-25.000	-11.700
.000	25.000	-10.000	-11.700
.000	25.000	.000	-11.700
10.000	25.000	-25.000	-11.700
10.000	25.000	-10.000	-11.700
10.000	25.000	.000	-11.700

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.0000	INCHES
BREF	963.0000	INCHES
XMRP	1076.7000	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0050	

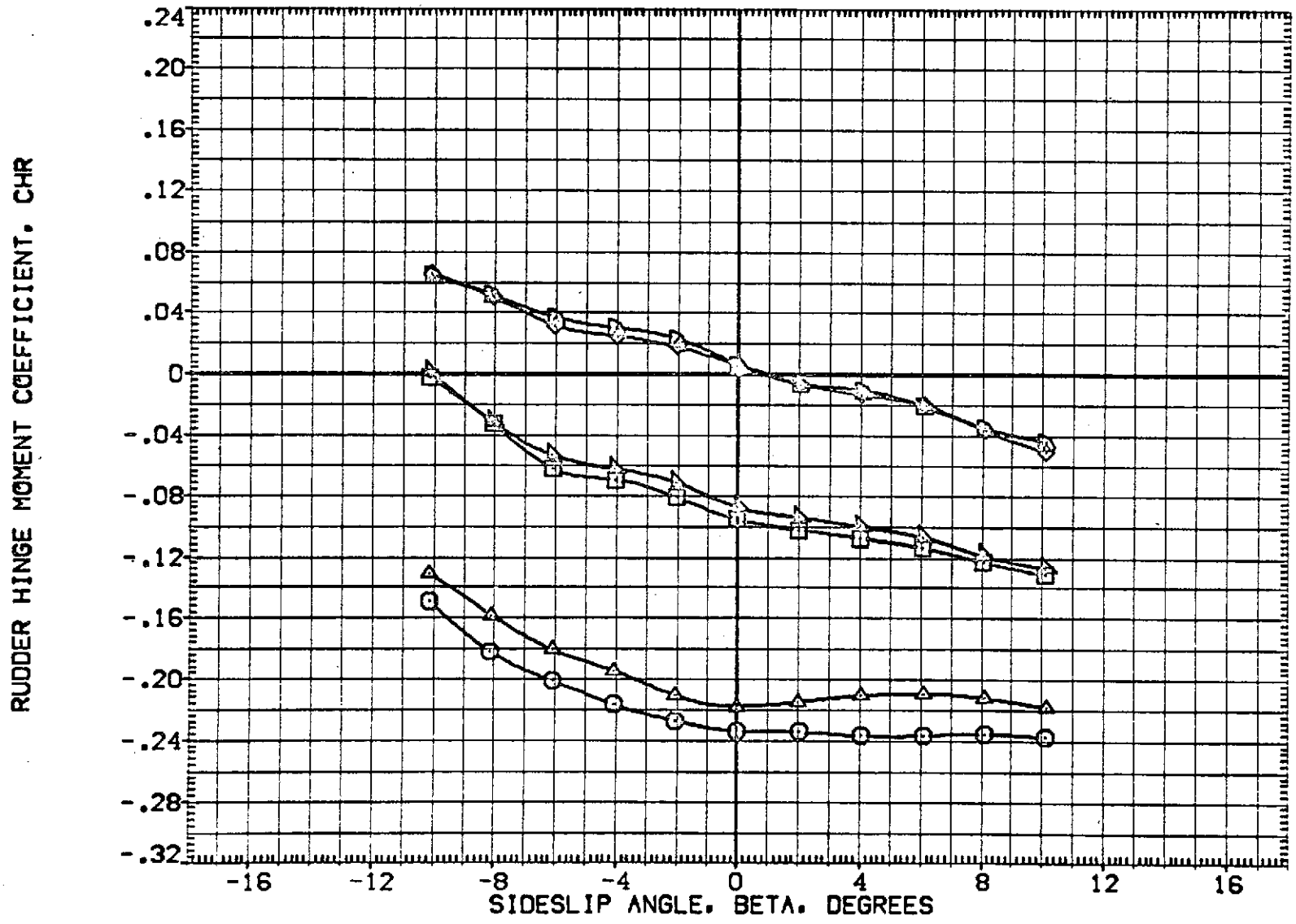


FIG 19 RUDDER EFFECTIVENESS, SPDBRK = 25 DEG., ALPHA = 0 AND 10 DEG.

(A)MACH = .26

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
[illegible]	□	GA37 [illegible]
[illegible]	◇	GA37 [illegible]
[illegible]	△	GA37 [illegible]
[illegible]	▽	GA37 [illegible]

ALPHA	SPDBRK	RUDDER	BOFLAP
15.000	25.000	-25.000	-12.000
15.000	25.000	-10.000	-12.000
15.000	25.000	.000	-12.000
20.000	25.000	-25.000	-12.000
20.000	25.000	-10.000	-12.000
20.000	25.000	.000	-12.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.0000	INCHES
BREF	925.0000	INCHES
XMRP	1076.7000	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0000	SCALE

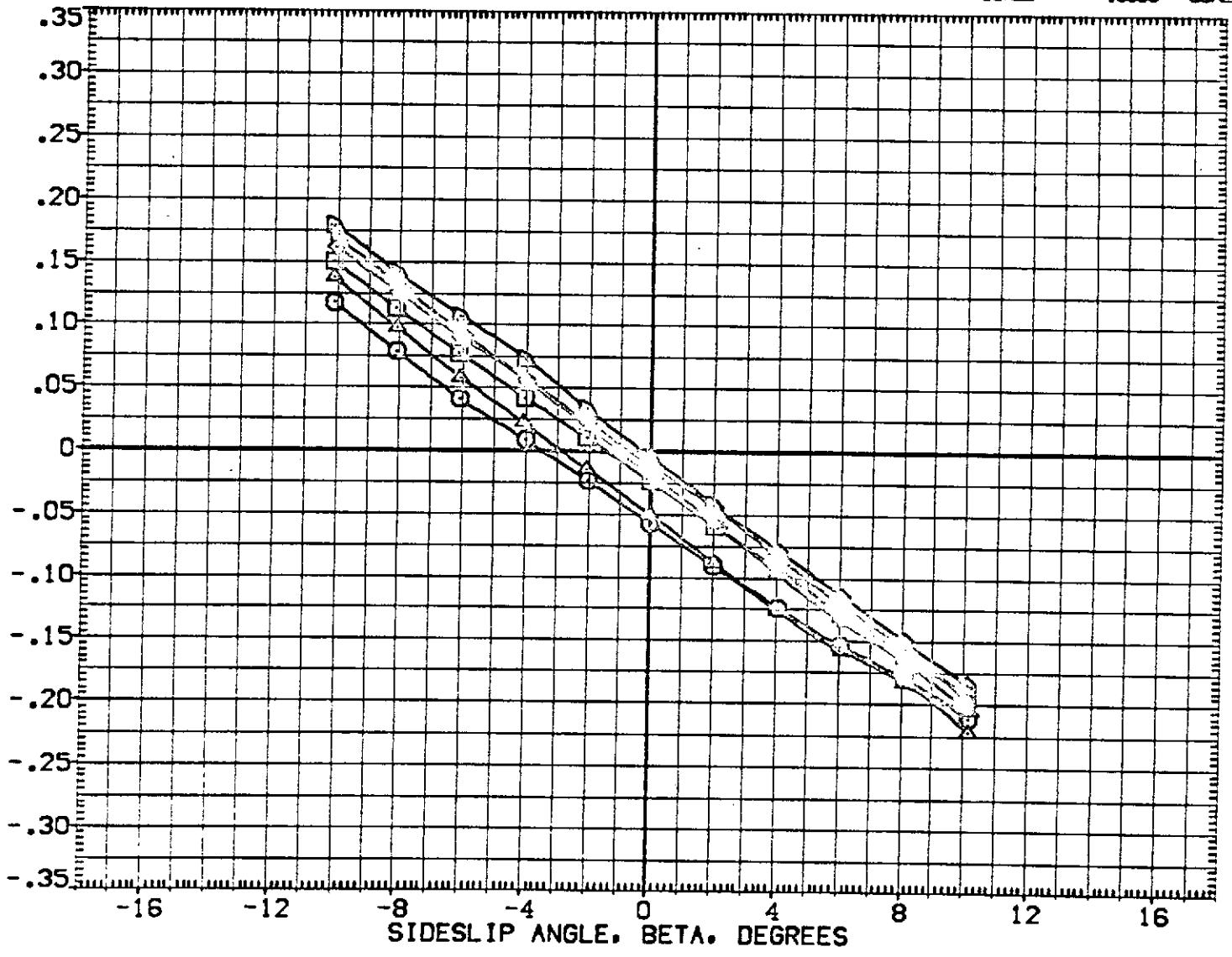


FIG 20 RUDDER EFFECTIVENESS, SPDBRK = 25 DEG., ALPHA = 15 AND 20 DEG.

(A)MACH = .26

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
[illegible]	□	0A37 B26 C9 F9 M7 V110E37V0 R5
[illegible]	◇	0A37 [illegible]
[illegible]	⋈	0A37 [illegible]
[illegible]	△	0A37 [illegible]
[illegible]	◁	0A37 [illegible]
[illegible]	▷	0A37 B26 C9 F9 M7 V110E37V0 R5

ALPHA	SPDBRK	RUDDER	BOFLAP
15.000	25.000	-25.000	-12.000
15.000	25.000	-10.000	-12.000
15.000	25.000	.000	-12.000
20.000	25.000	-25.000	-12.000
20.000	25.000	-10.000	-12.000
20.000	25.000	.000	-12.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.0000	INCHES
BREF	933.0000	INCHES
XMRP	1076.7000	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0000	SCALE

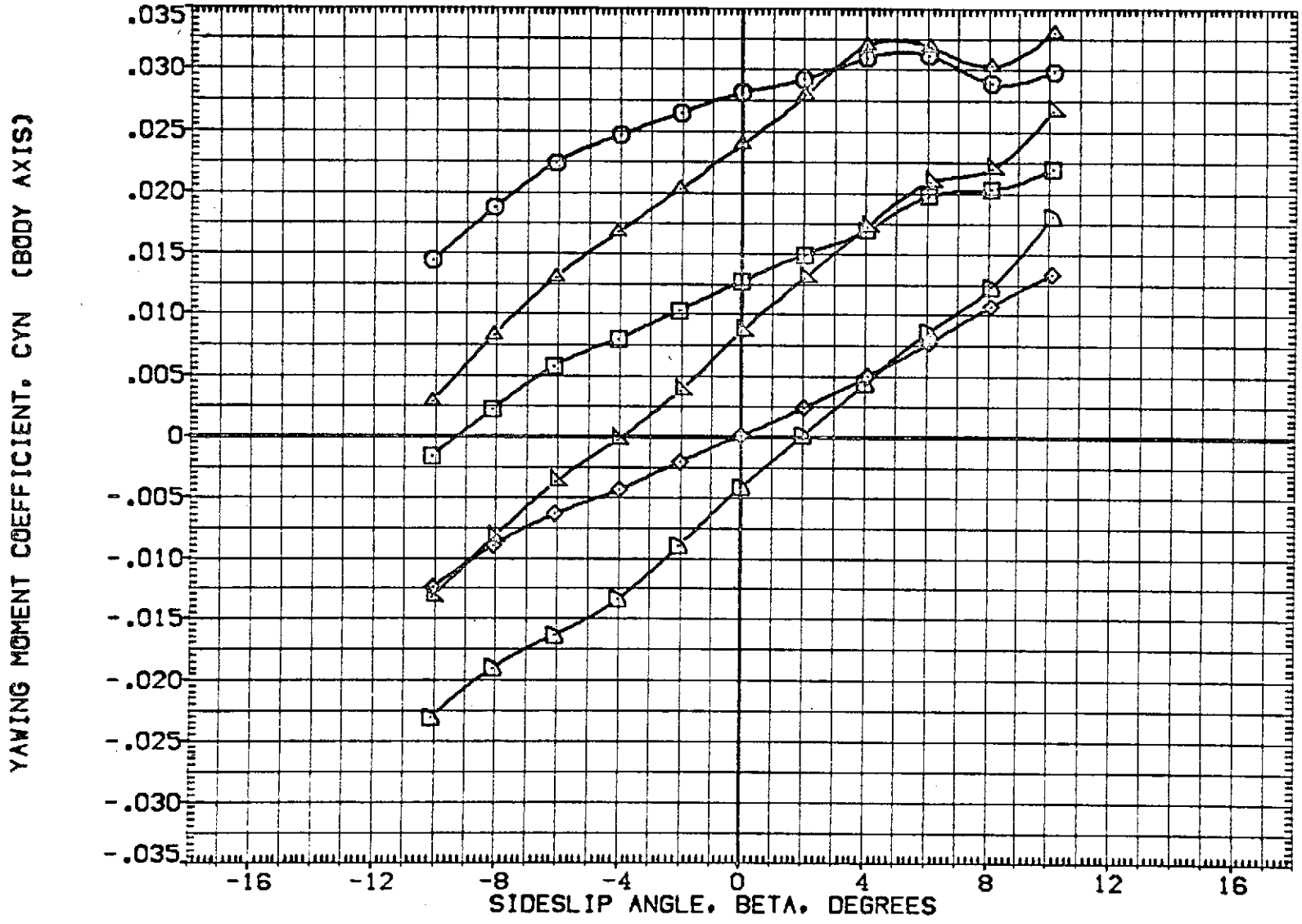


FIG 20 RUDDER EFFECTIVENESS, SPDBRK = 25 DEG., ALPHA = 15 AND 20 DEG.

(A)MACH = .26

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
[RF2050]	□	BA37 B26 C9 F9 M7 V11 E37V8 R5
[RF2045]	○	BA37 B26 C9 F9 M7 V11 E37V8 R5
[RF2054]	◇	BA37 B26 C9 F9 M7 V11 E37V8 R5
[RF2031]	△	BA37 B26 C9 F9 M7 V11 E37V8 R5
[RF2047]	▷	BA37 B26 C9 F9 M7 V11 E37V8 R5
[RF2055]	▽	BA37 B26 C9 F9 M7 V11 E37V8 R5

ALPHA	SPOBRK	RUDDER	BOFLAP
15.000	25.000	-25.000	-12.000
15.000	25.000	-10.000	-12.000
15.000	25.000	.000	-12.000
20.000	25.000	-25.000	-12.000
20.000	25.000	-10.000	-12.000
20.000	25.000	.000	-12.000

REFERENCE INFORMATION		
SREF	2000.0000	SQ.FT.
LREF	474.6000	INCHES
BREF	950.0000	INCHES
XMRP	1078.7500	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0300	SCALE

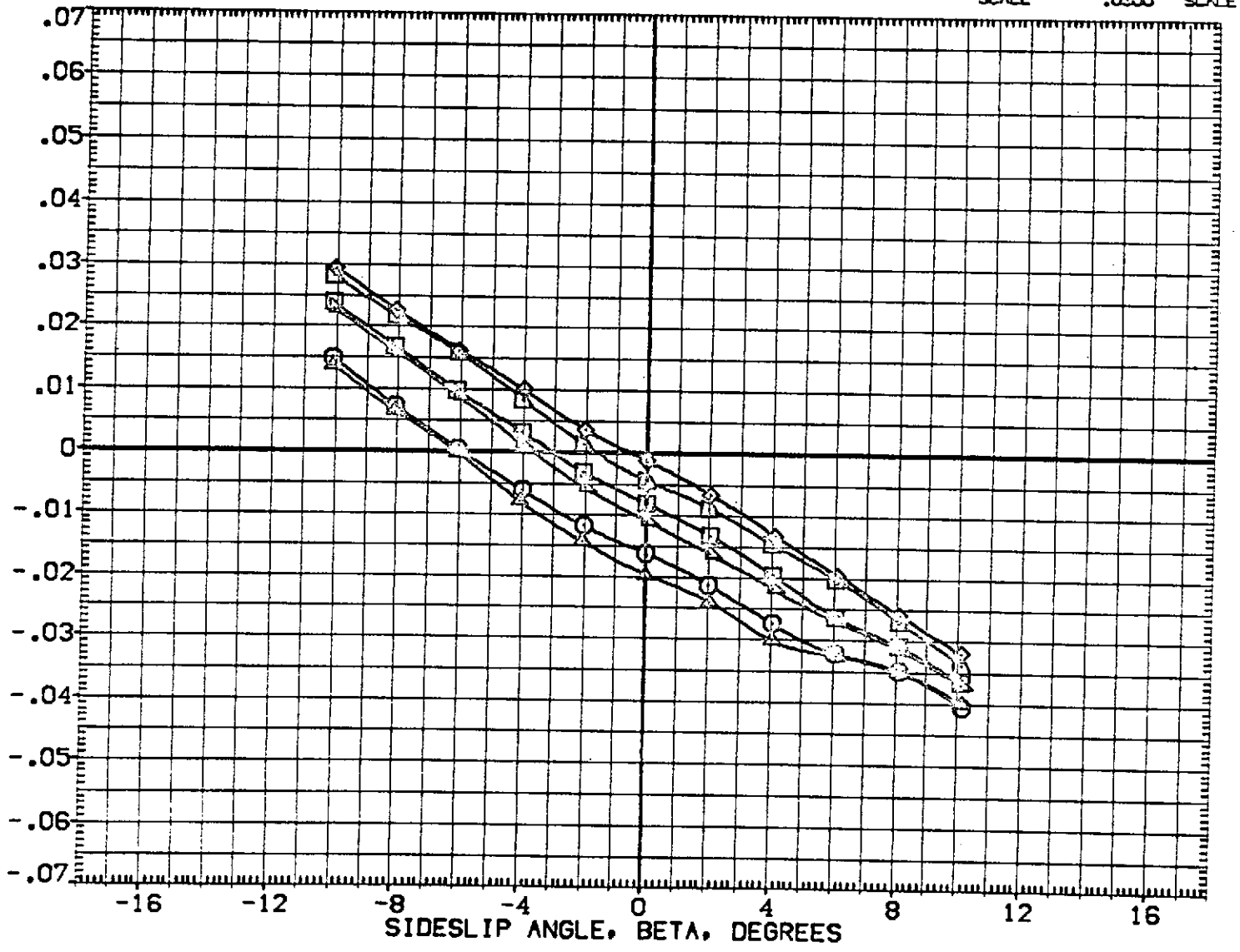


FIG 20 RUDDER EFFECTIVENESS, SPDBRK = 25 DEG., ALPHA = 15 AND 20 DEG.

(A)MACH = .26

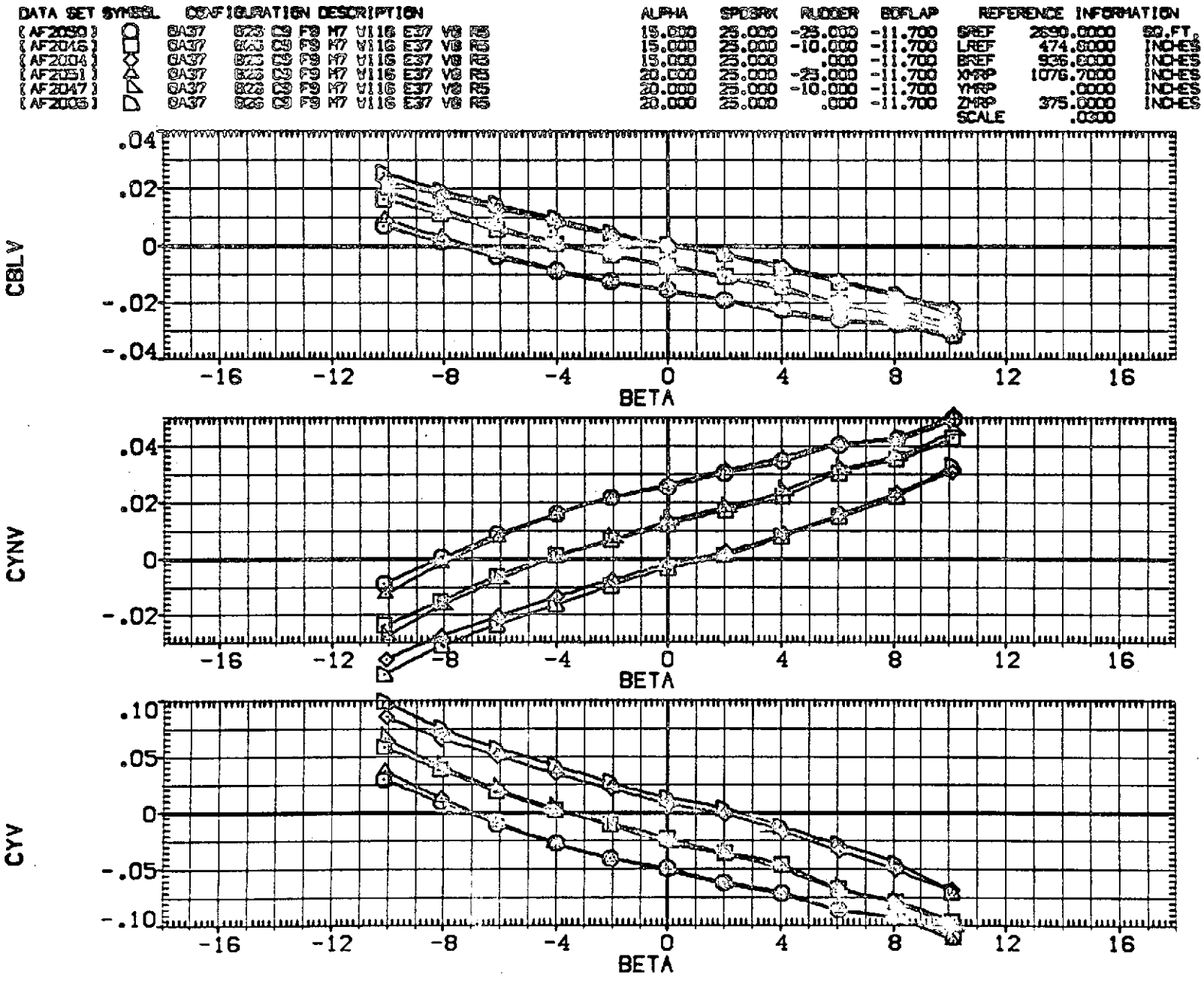


FIG 20 RUDDER EFFECTIVENESS, SPDBRK = 25 DEG., ALPHA = 15 AND 20 DEG.

(A)MACH = .26

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(AF2050)	□	BA37 B26 C9 F9 H7 V116 E37 V8 R5
(AF2045)	□	BA37 B26 C9 F9 H7 V116 E37 V8 R5
(AF2004)	◇	BA37 B26 C9 F9 H7 V116 E37 V8 R5
(AF2051)	△	BA37 B26 C9 F9 H7 V116 E37 V8 R5
(AF2047)	△	BA37 B26 C9 F9 H7 V116 E37 V3 R5
(AF2005)	△	BA37 B26 C9 F9 H7 V116 E37 V8 R5

ALPHA	SPDBRK	RUDDER	BDFLAP
15.000	25.000	-25.000	-11.700
15.000	25.000	-10.000	-11.700
15.000	25.000	.000	-11.700
20.000	25.000	-25.000	-11.700
20.000	25.000	-10.000	-11.700
20.000	25.000	.000	-11.700

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.6000	INCHES
BREF	935.8000	INCHES
XMRP	1076.7000	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0300	

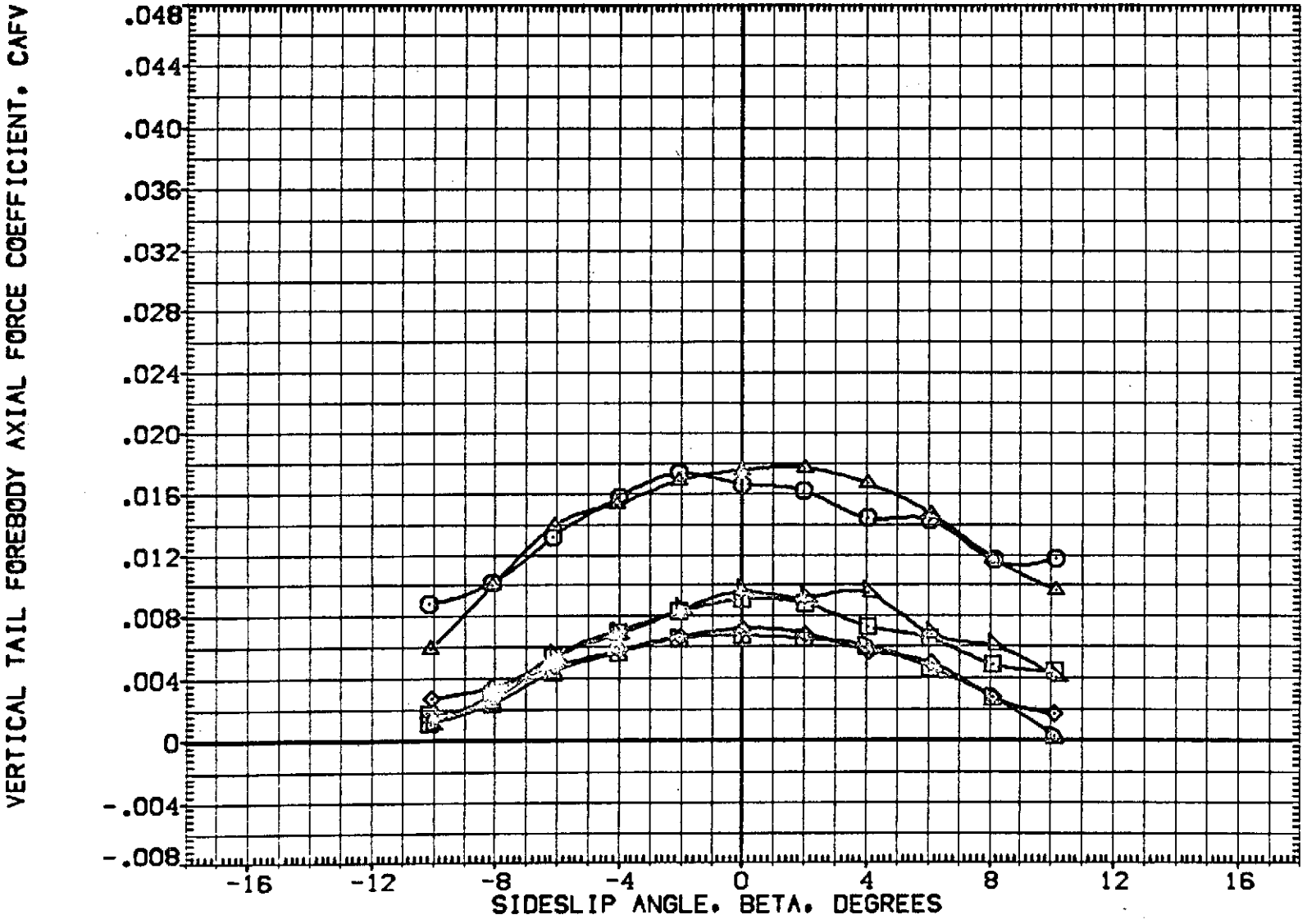


FIG 20 RUDDER EFFECTIVENESS, SPDBRK = 25 DEG., ALPHA = 15 AND 20 DEG.

(A)MACH = .26

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ALPHA	SPDBRK	RUDDER	BDFLAP
(BF2050)	□	GA37 B26 C9 F9 M7 V116 E37 V8 R5	15.000	25.000	-25.000	-11.700
(BF2015)	◇	GA37 B26 C9 F9 M7 V116 E37 V8 R5	15.000	25.000	-10.000	-11.700
(BF2004)	△	GA37 B26 C9 F9 M7 V116 E37 V8 R5	15.000	25.000	.000	-11.700
(BF2051)	▽	GA37 B26 C9 F9 M7 V116 E37 V8 R5	20.000	25.000	-25.000	-11.700
(BF2047)	▷	GA37 B26 C9 F9 M7 V116 E37 V8 R5	20.000	25.000	-10.000	-11.700
(BF2005)	◁	GA37 B26 C9 F9 M7 V116 E37 V8 R5	20.000	25.000	.000	-11.700

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.0000	INCHES
BREF	936.0000	INCHES
XMRP	1076.7000	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0300	

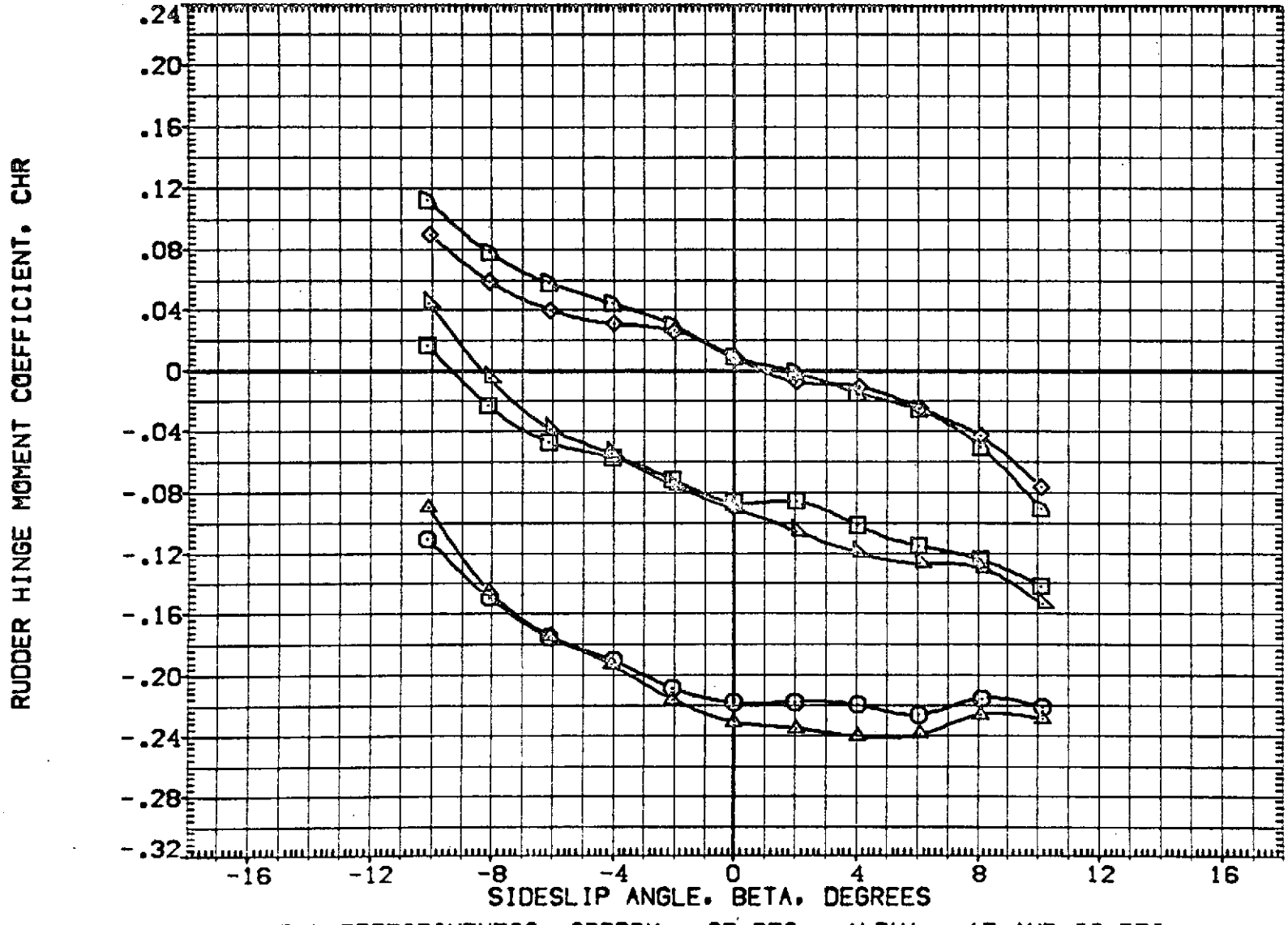


FIG 20 RUDDER EFFECTIVENESS, SPDBRK = 25 DEG., ALPHA = 15 AND 20 DEG.

(A)MACH = .26

0A37 B26 C9 F9 M7 W116 E37 V8 R5 (EF2048)

SYMBOL	ALPHA		PARAMETRIC VALUES		
○	.000	MACH	.260	BETA	-10.000
□	10.000	BDFLAP	-11.700	ELEVON	.000
◇	15.000	AILRON	.000	SPDBRK	25.000
△	20.000				

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
LREF	474.8000	INCHES
BREF	935.6000	INCHES
XMRP	1076.7000	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0300	

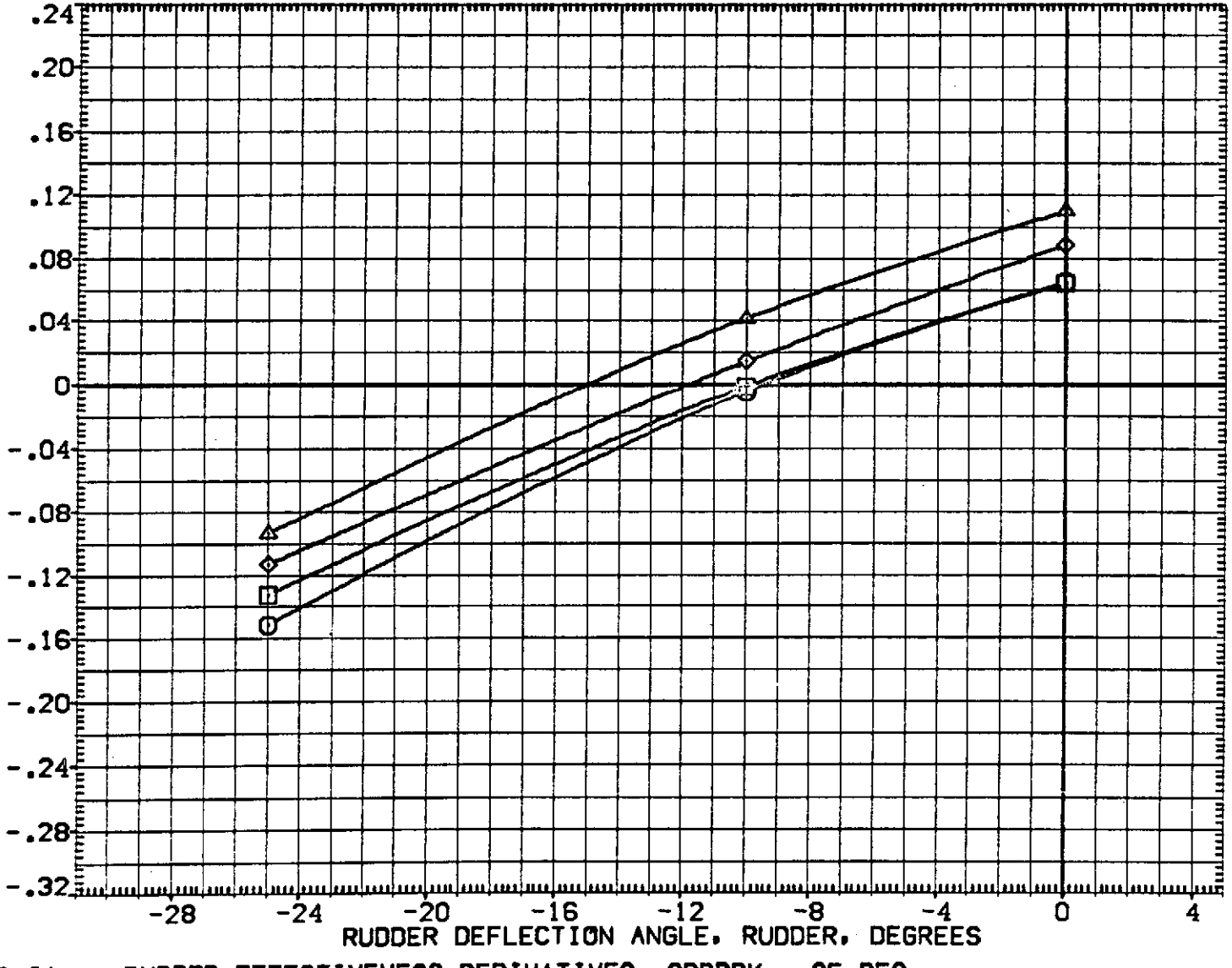


FIG 21 RUDDER EFFECTIVENESS DERIVATIVES, SPDBRK = 25 DEG.

SYMBOL	ALPHA
○	.000
□	10.000
◇	15.000
△	20.000

PARAMETRIC VALUES

MACH	.260	BETA	-0.000
DOFLAP	-11.700	ELEVON	.000
AILRON	.000	SPDBRK	25.000

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
LREF	474.6000	INCHES
BREF	935.8000	INCHES
XMRP	1076.7000	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0300	

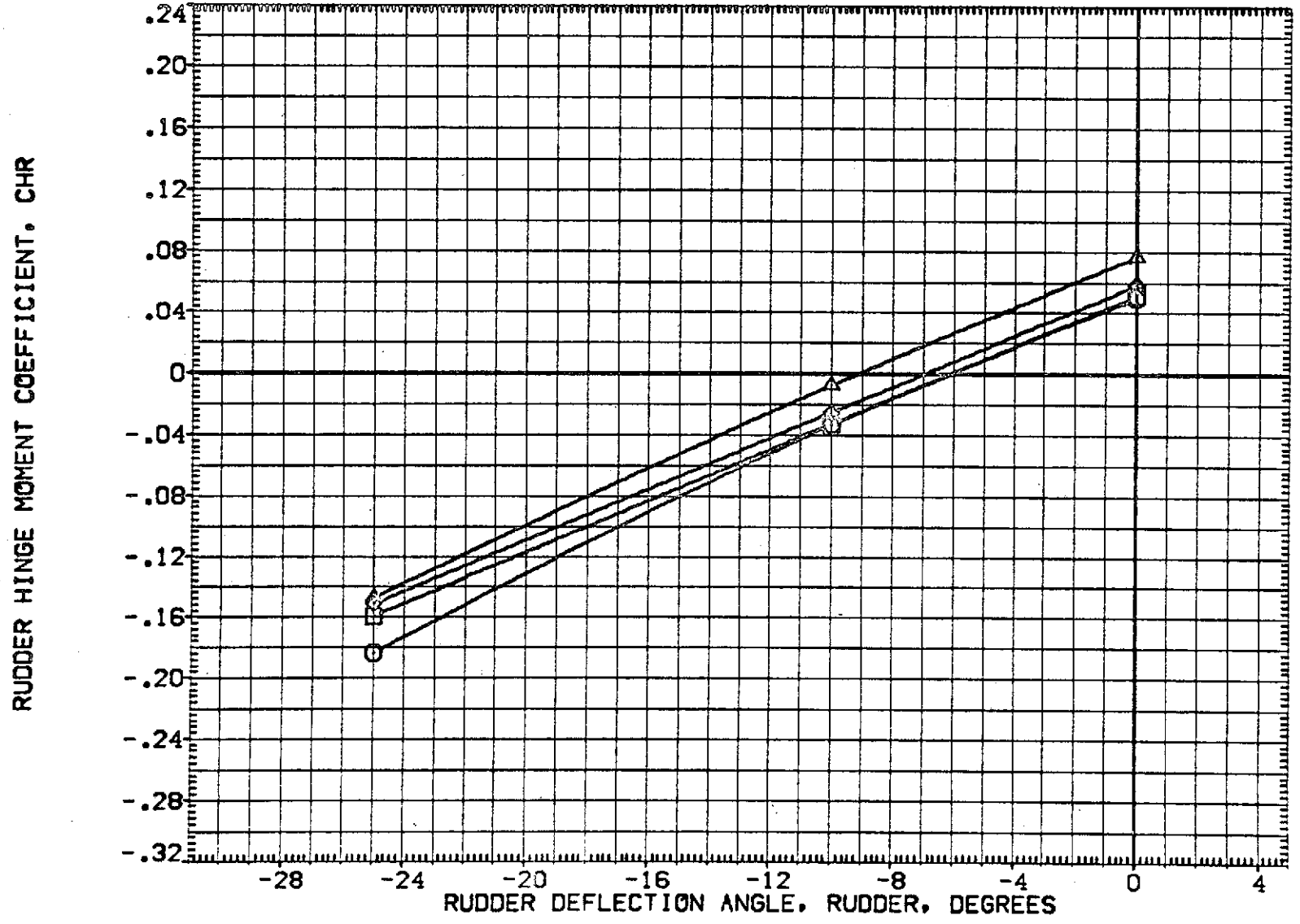


FIG 21 RUDDER EFFECTIVENESS DERIVATIVES, SPDBRK = 25 DEG.

SYMBOL	ALPHA		PARAMETRIC VALUES		
○	.000	MACH	.260	BETA	-6.000
□	10.000	BDFLAP	-11.700	ELEVON	.000
◇	15.000	AILRON	.000	SPDBRK	25.000
△	20.000				

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.0000	INCHES
BREF	935.0000	INCHES
XMRP	1076.7000	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0300	

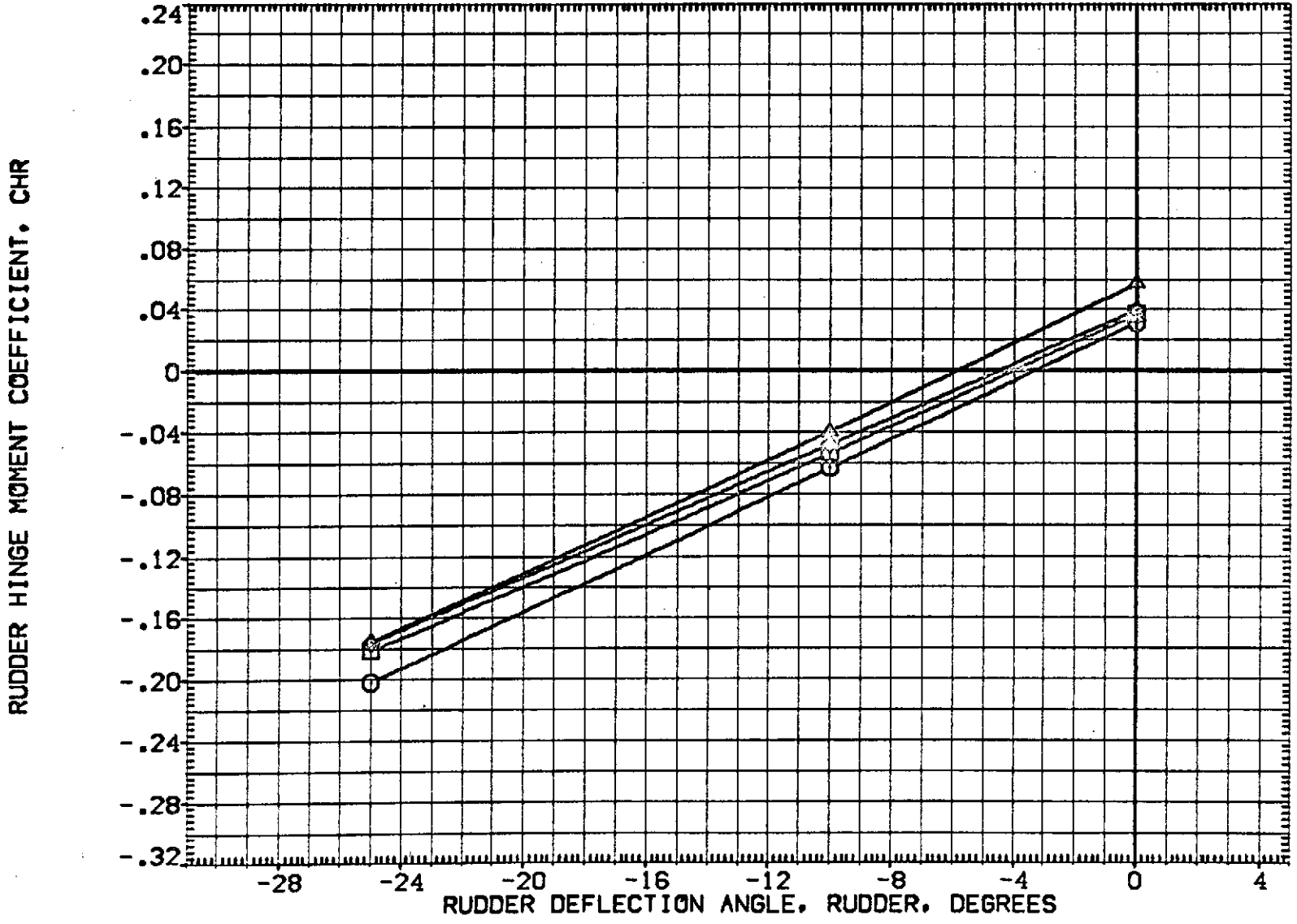


FIG 21 RUDDER EFFECTIVENESS DERIVATIVES, SPDBRK = 25 DEG.

0A37 B26 C9 F9 M7 W116 E37 V8 R5 (EF2048)

SYMBOL	ALPHA		PARAMETRIC VALUES		
○	.000	MACH	.200	BETA	-4.000
□	10.000	SDFLAP	-11.700	ELEVON	.000
◇	15.000	AILRON	.000	SPDBRK	25.000
△	20.000				

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.8000	INCHES
BREF	936.8000	INCHES
XMRP	1076.7000	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0300	

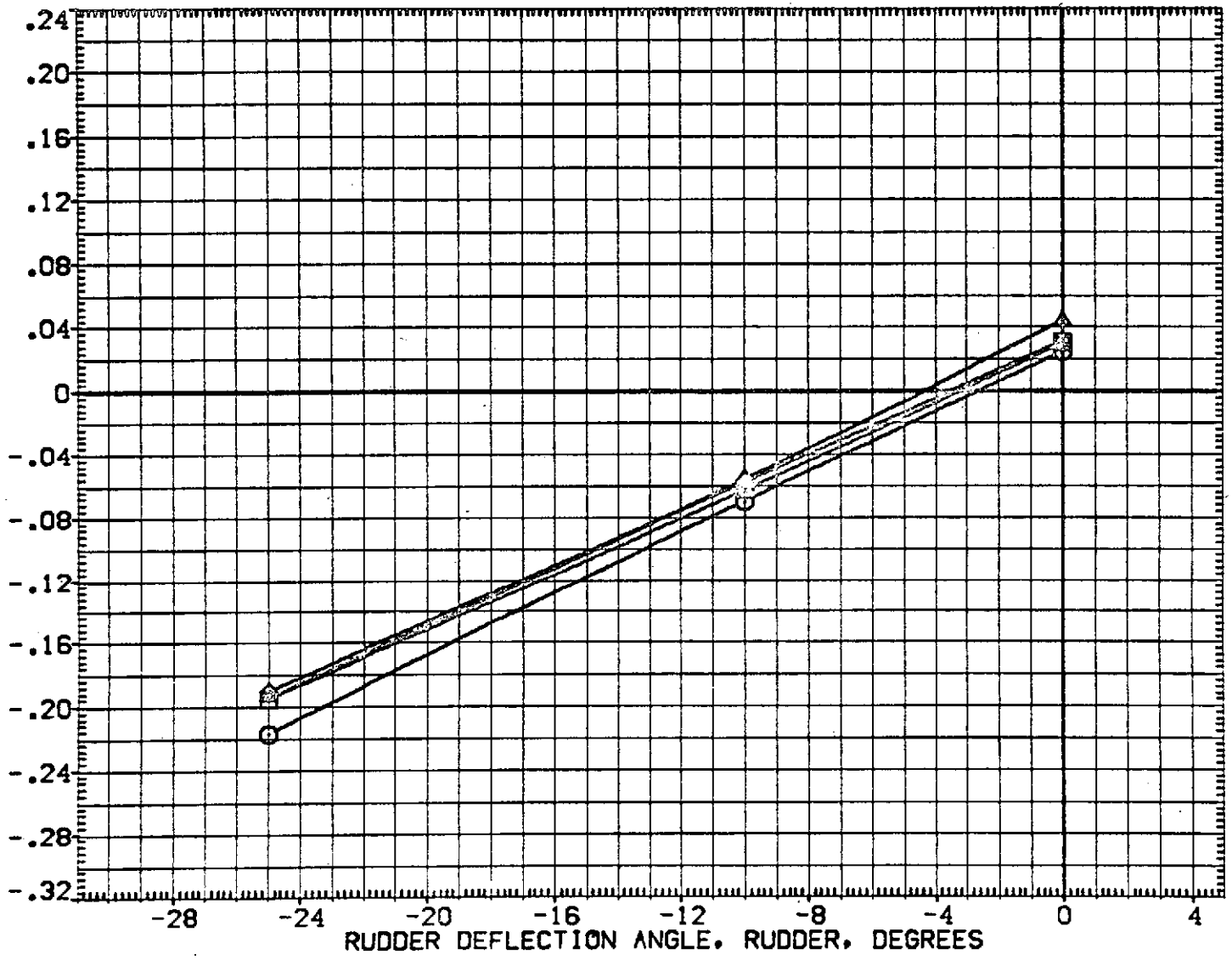


FIG 21 RUDDER EFFECTIVENESS DERIVATIVES, SPDBRK = 25 DEG.

0A37 B26 C9 F9 M7 W116 E37 V8 R5 (EF2048)

SYMBOL	ALPHA		PARAMETRIC VALUES		
○	.000	MACH	.260	BETA	-2.000
□	10.000	BDFLAP	-11.700	ELEVON	.000
◇	15.000	AILRON	.000	SPDBRK	25.000
△	20.000				

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.8000	INCHES
BREF	935.6000	INCHES
XMRP	1076.7000	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0300	

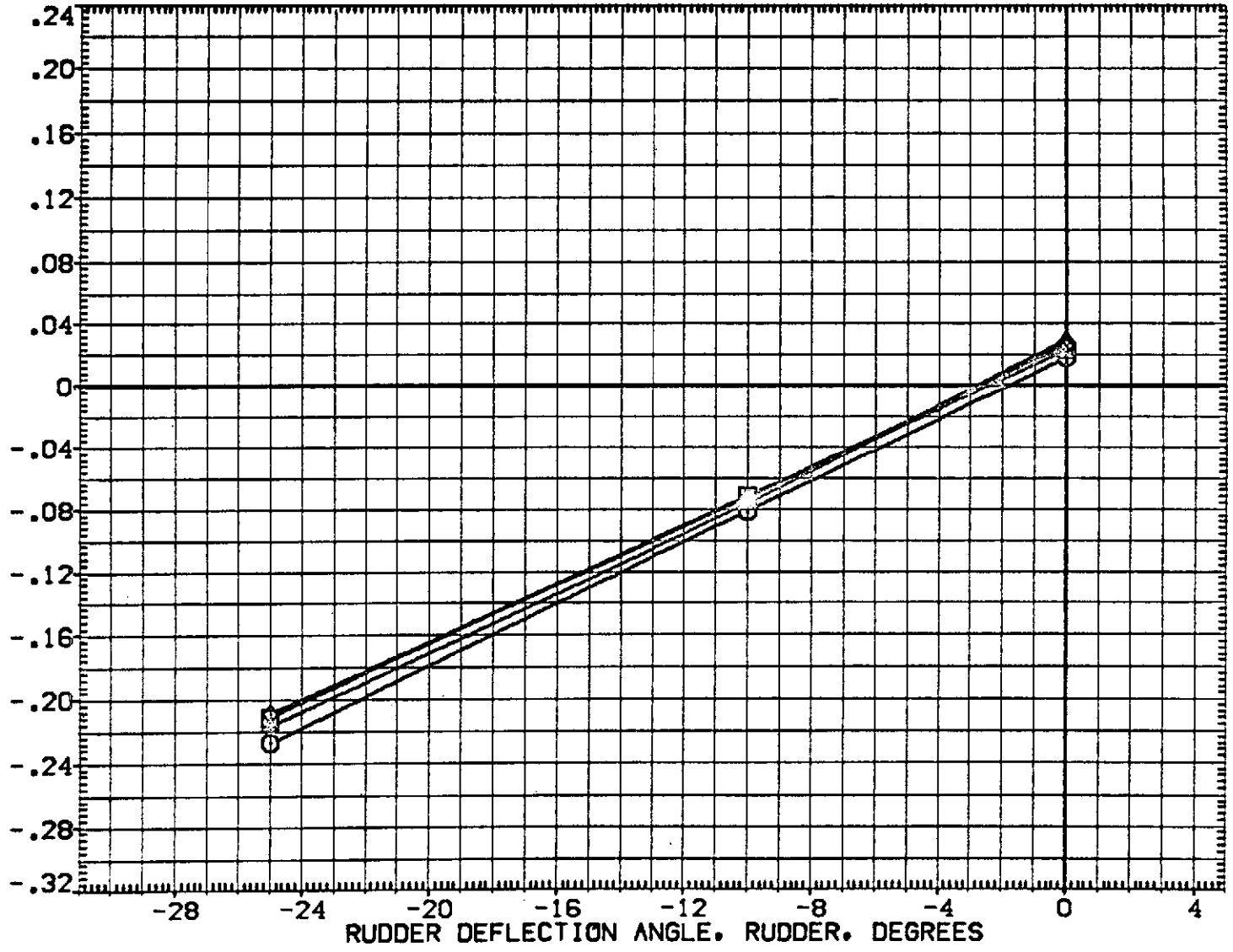


FIG 21 RUDDER EFFECTIVENESS DERIVATIVES, SPDBRK = 25 DEG.

0A37 B26 C9 F9 M7 W116 E37 V8 R5 (EF2048)

SYMBOL	ALPHA
○	.000
□	10.000
◇	15.000
△	20.000

PARAMETRIC VALUES

MACH	.260	BETA	.000	
DOFLAP	-11.700	ELEVON	.000	
AILRON	.000	SPDBRK	25.000	

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
LREF	474.8000	INCHES
BREF	935.8000	INCHES
XMRP	1076.7000	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0300	

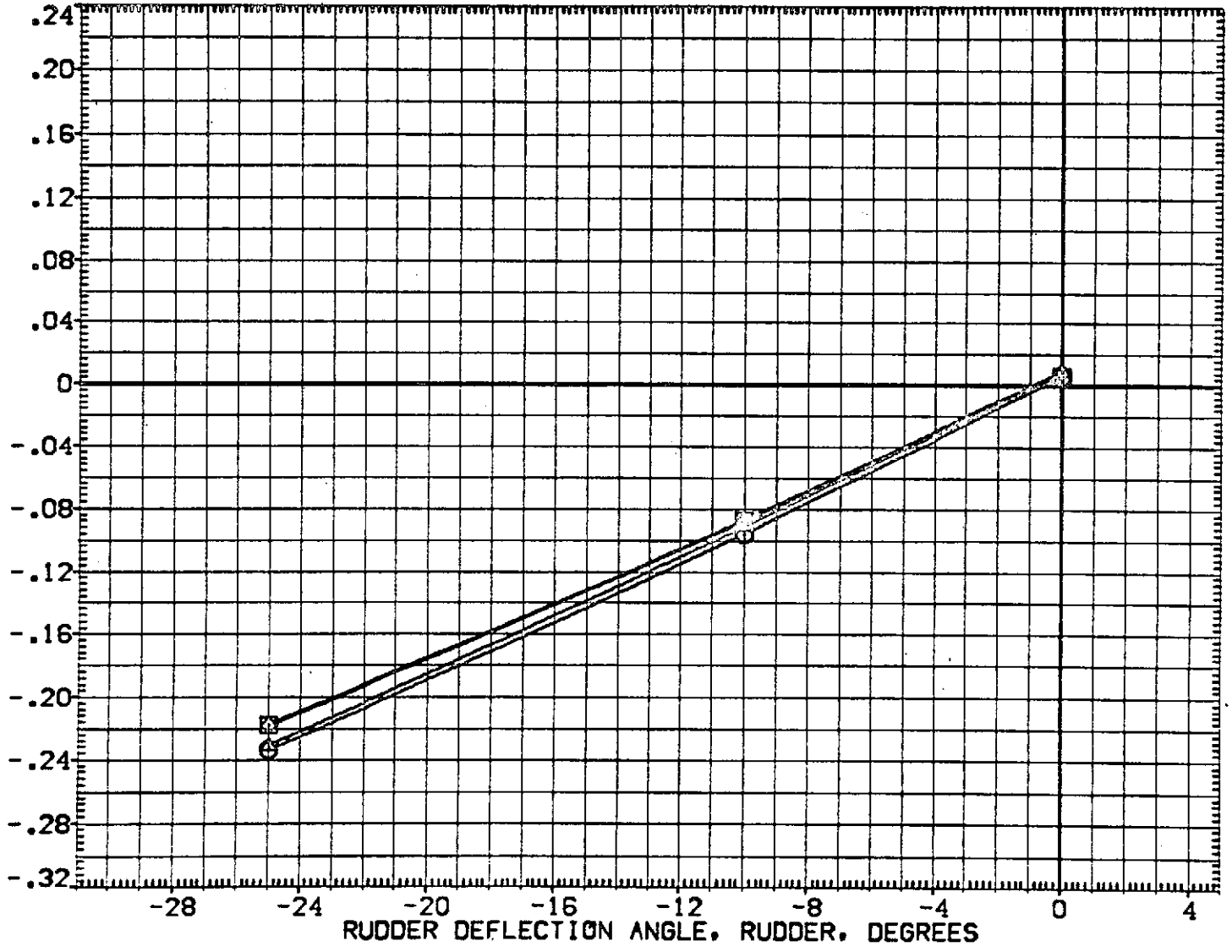


FIG 21 RUDDER EFFECTIVENESS DERIVATIVES, SPDBRK = 25 DEG.

SYMBOL	ALPHA		PARAMETRIC VALUES		
○	.000	MACH	.260	BETA	2.000
□	10.000	BOFLAP	-11.700	ELEVON	.000
◇	15.000	AILRON	.000	SPDBRK	25.000
△	20.000				

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
LREF	474.0300	INCHES
BREF	936.6000	INCHES
XMRP	1076.7000	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0300	

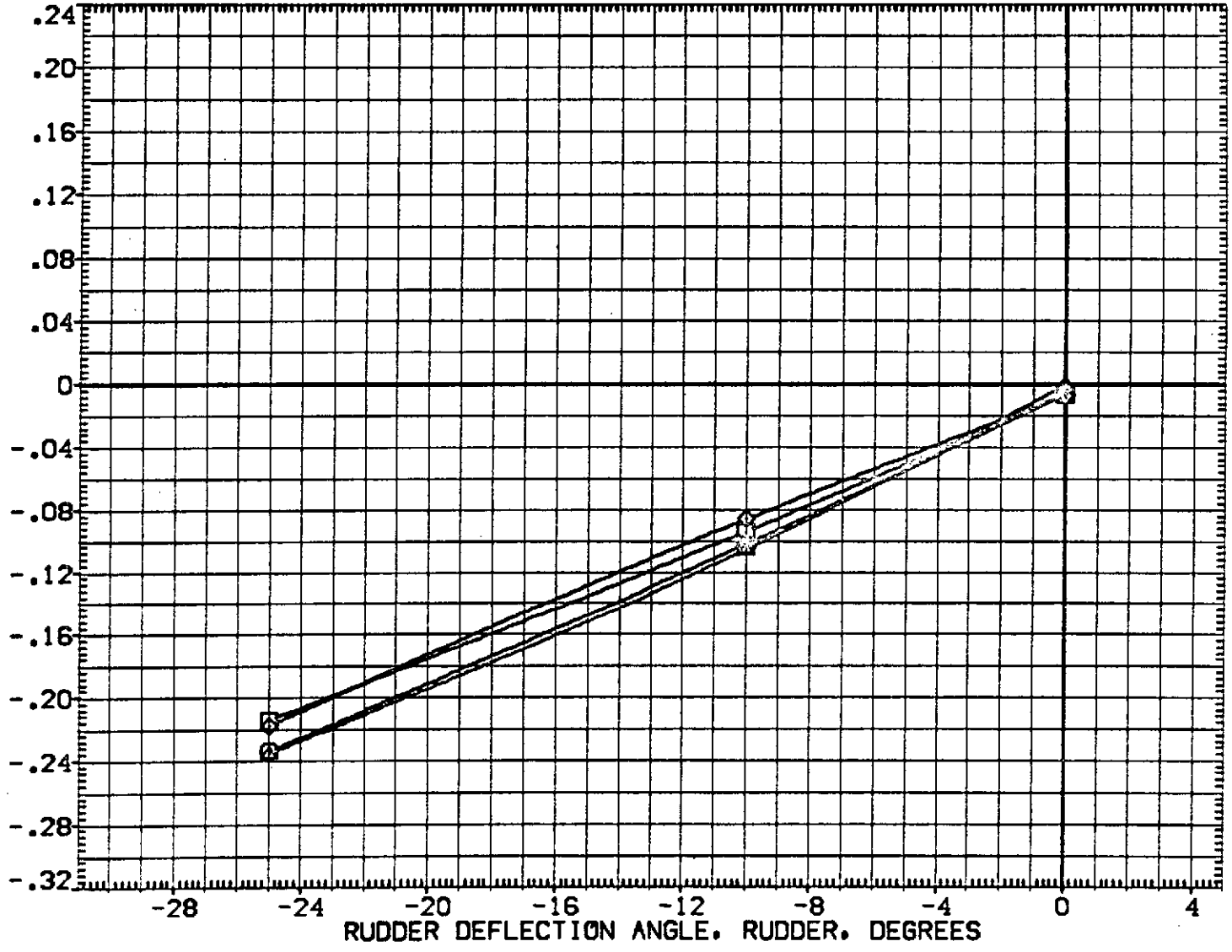


FIG 21 RUDDER EFFECTIVENESS DERIVATIVES, SPDBRK = 25 DEG.

0A37 B26 C9 F9 M7 W116 E37 V8 R5 (EF2048)

SYMBOL	ALPHA		PARAMETRIC VALUES		
○	.000	MACH	.260	BETA	4.000
□	10.000	DEFLAP	-11.700	ELEVON	.000
◇	15.000	AILRON	.000	SPDBRK	25.000
△	20.000				

REFERENCE INFORMATION		
SREF	2090.0000	SQ.FT.
LREF	474.0000	INCHES
BREF	936.0000	INCHES
XMRP	1076.7000	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0300	

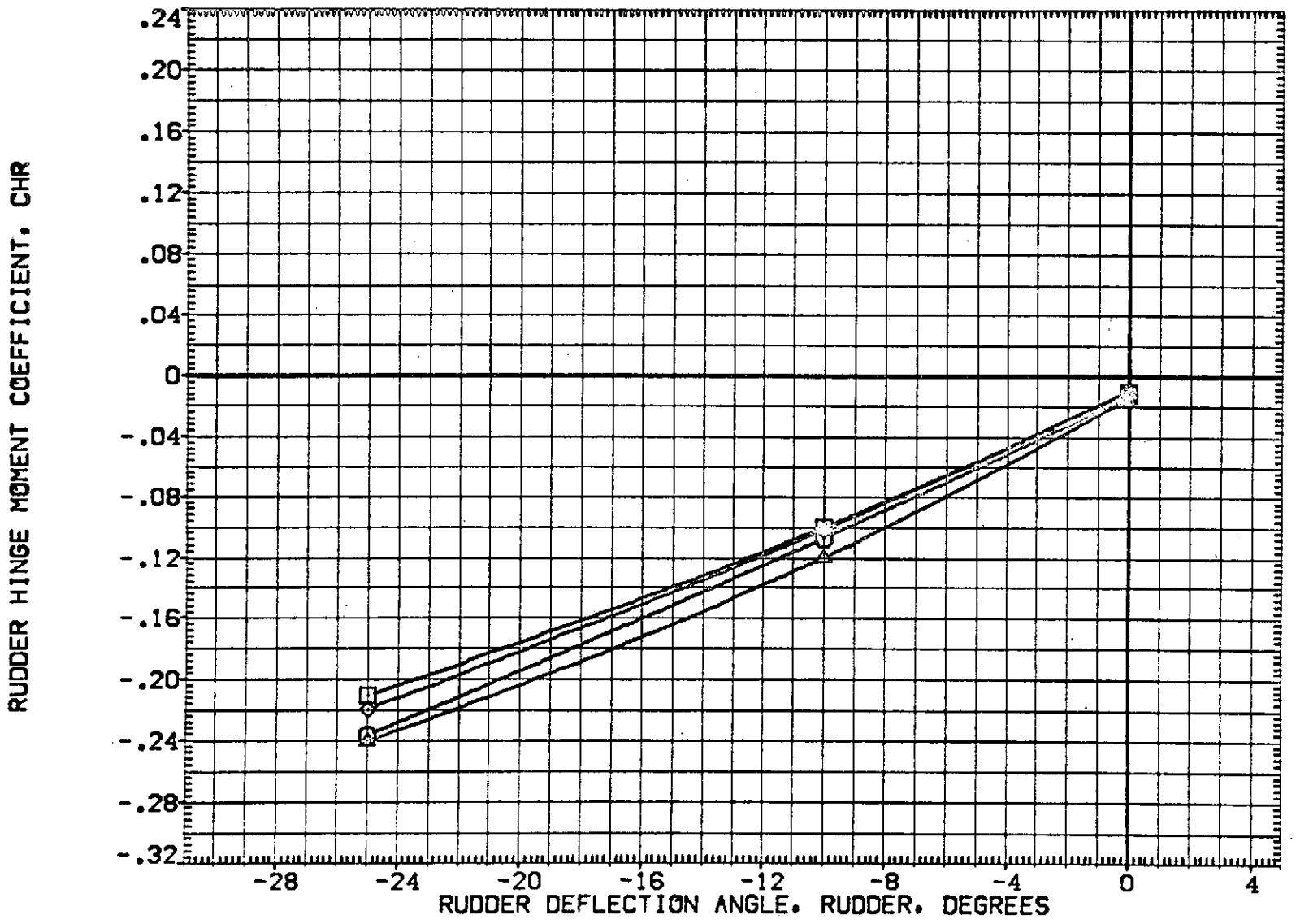


FIG 21 RUDDER EFFECTIVENESS DERIVATIVES, SPDBRK = 25 DEG.

0A37 B26 C9 F9 M7 W116 E37 V8 R5 (EF2048)

SYMBOL	ALPHA		PARAMETRIC VALUES		
○	.000	MACH	.260	BETA	6.000
□	10.000	BDFLAP	-11.700	ELEVON	.000
◇	15.000	AILRON	.000	SPDBRK	25.000
△	20.000				

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.6000	INCHES
BREF	935.0000	INCHES
XMRP	1076.7000	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0300	

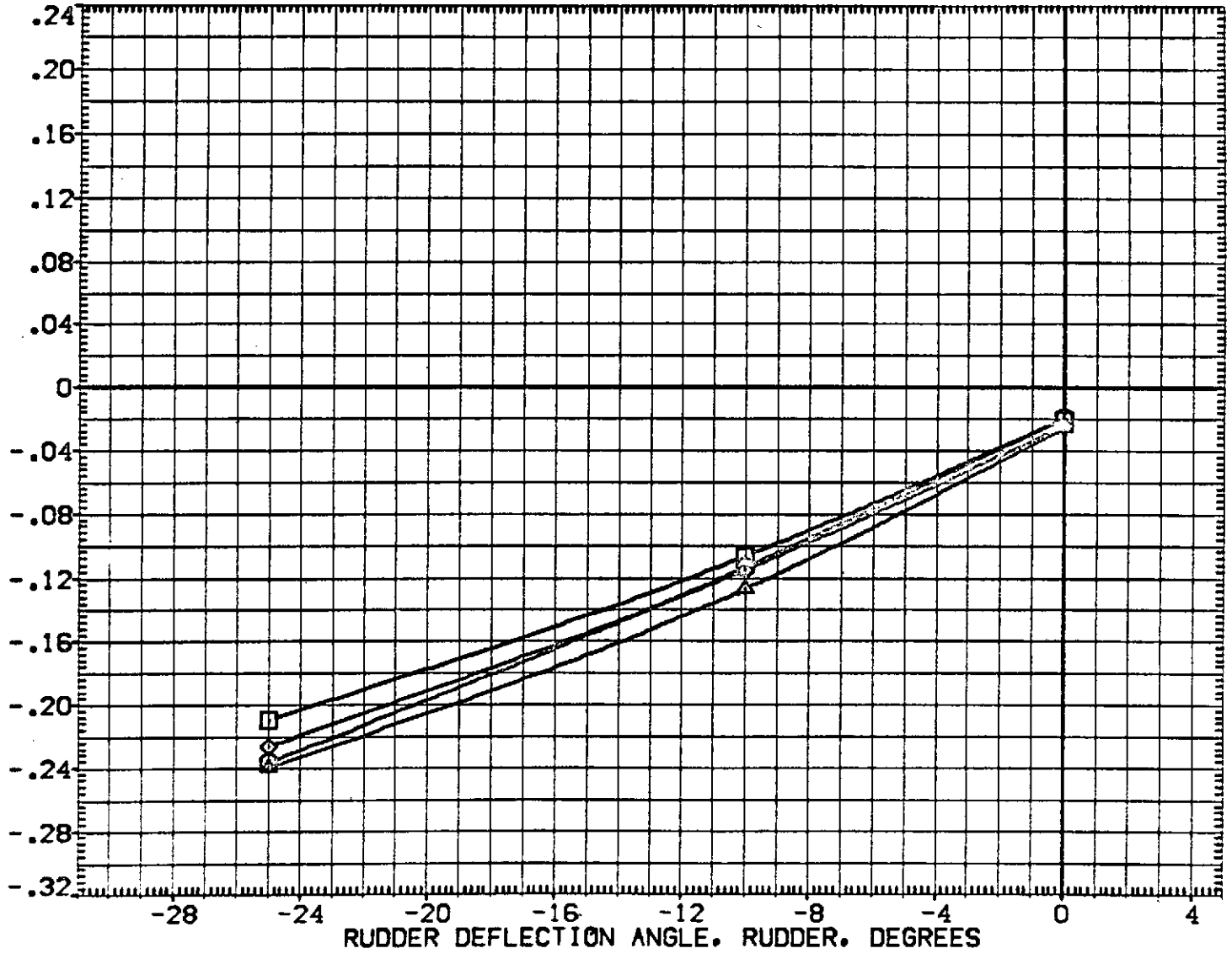


FIG 21 RUDDER EFFECTIVENESS DERIVATIVES, SPDBRK = 25 DEG.

0A37 B26 C9 F9 M7 W116 E37 V8 R5 (EF2048)

SYMBOL	ALPHA		PARAMETRIC VALUES		
○	.000	MACH	.260	BETA	0.000
□	10.000	BDFLAP	-11.700	ELEVON	.000
◇	15.000	AILRON	.000	SPDBRK	25.000
△	20.000				

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
LREF	474.0000	INCHES
BREF	935.0000	INCHES
XMRP	1076.7000	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0300	

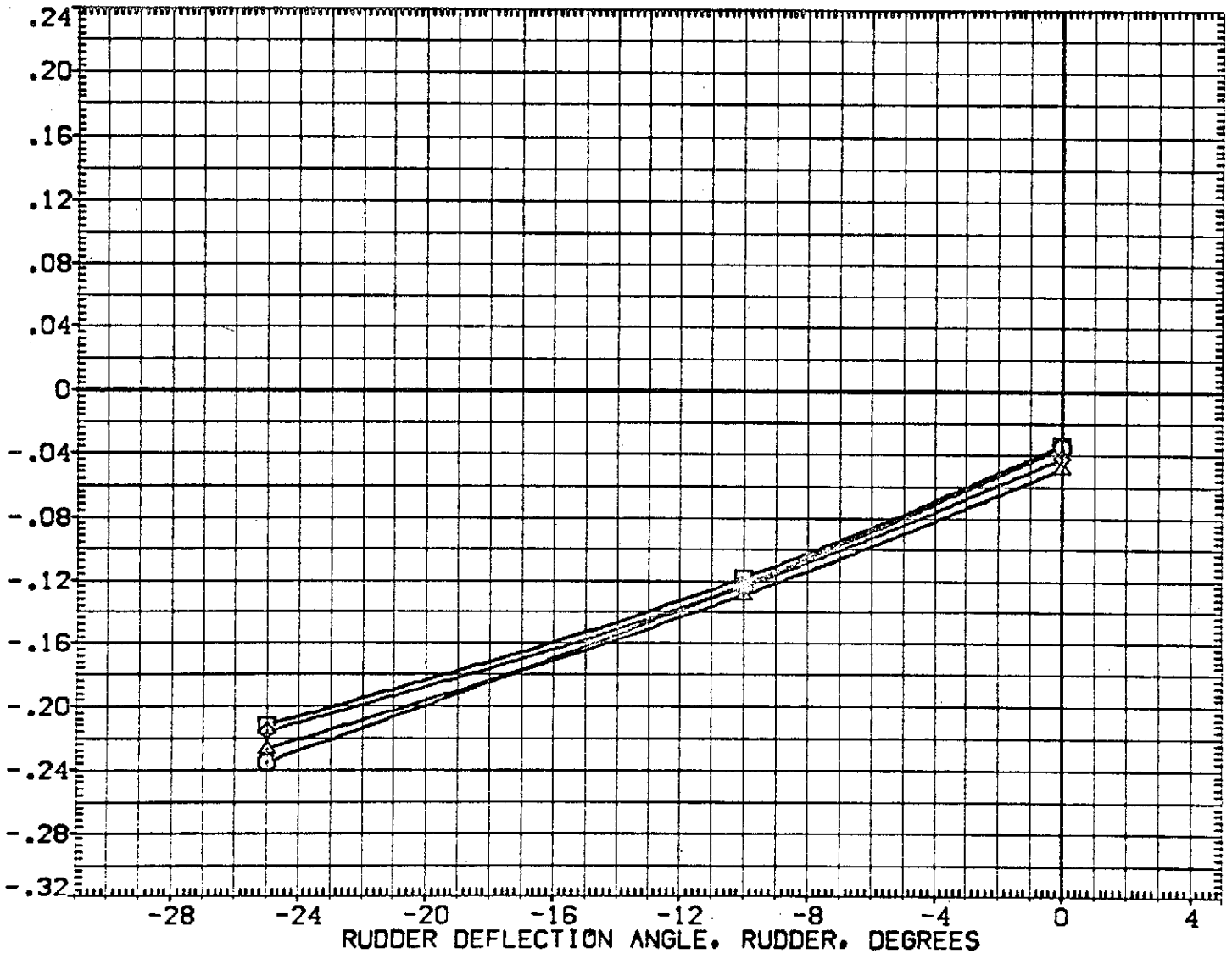


FIG 21 RUDDER EFFECTIVENESS DERIVATIVES, SPDBRK = 25 DEG.

SYMBOL	ALPHA		PARAMETRIC VALUES		
○	.000	MACH	.260	BETA	10.000
□	10.000	BDFLAP	-11.700	ELEVON	.000
◇	15.000	AILRON	.000	SPDBRK	25.000
△	20.000				

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.8000	INCHES
BREF	936.8000	INCHES
XMRP	1076.7000	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0300	

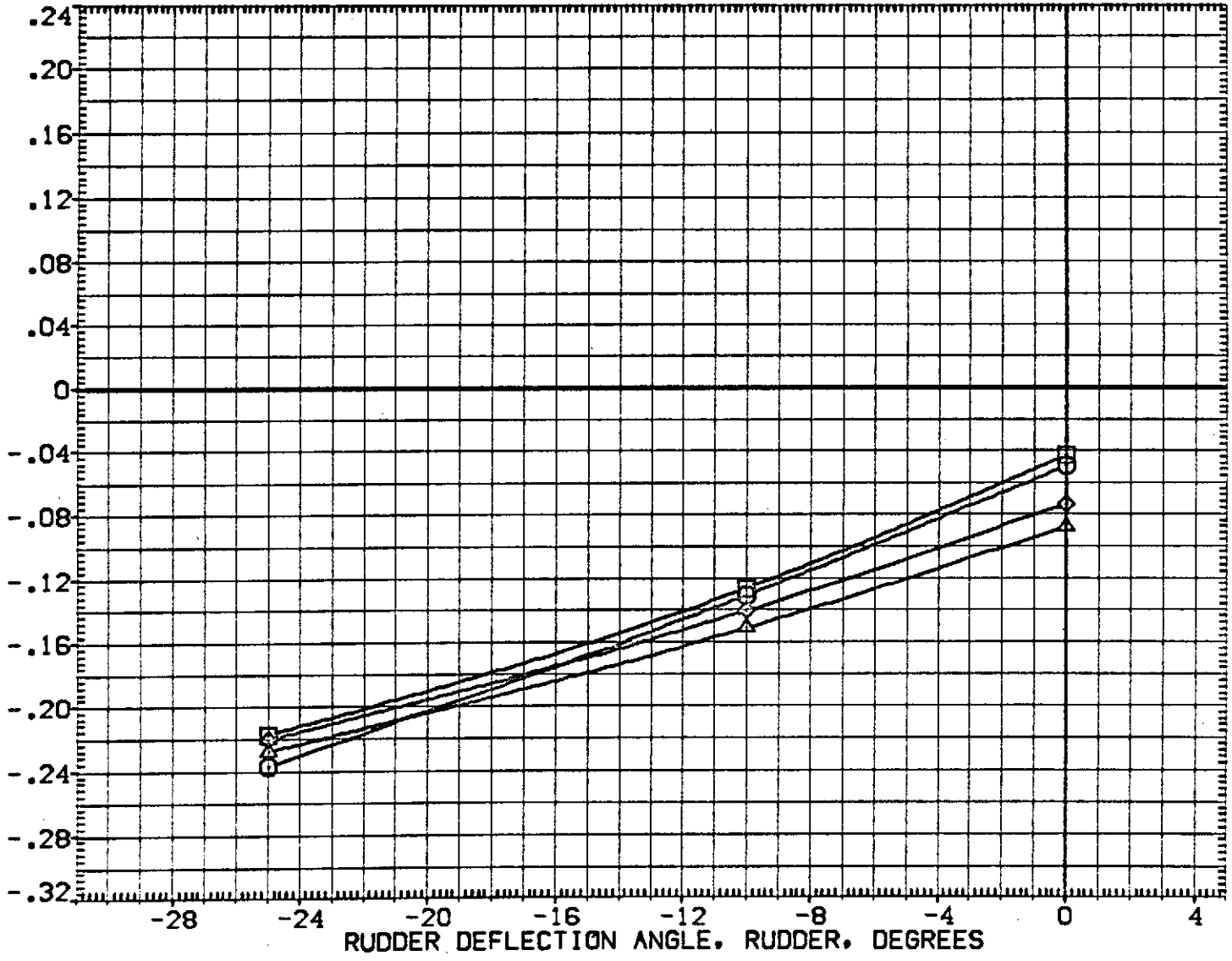


FIG 21 RUDDER EFFECTIVENESS DERIVATIVES, SPDBRK = 25 DEG.

0A37 B26 C9 F9 M7 W116 E37 V8 R5 (MF2048)

SYMBOL	DRUDER		PARAMETRIC VALUES		
○	-25.000	MACH	.260	BETA	-10.000
□	-10.000	ELEVON	.000	AILRON	.000
◇	.000	FLAP	-11.700	SPOBRK	25.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.8000	INCHES
BREF	935.6000	INCHES
XMRP	1076.7000	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0300	

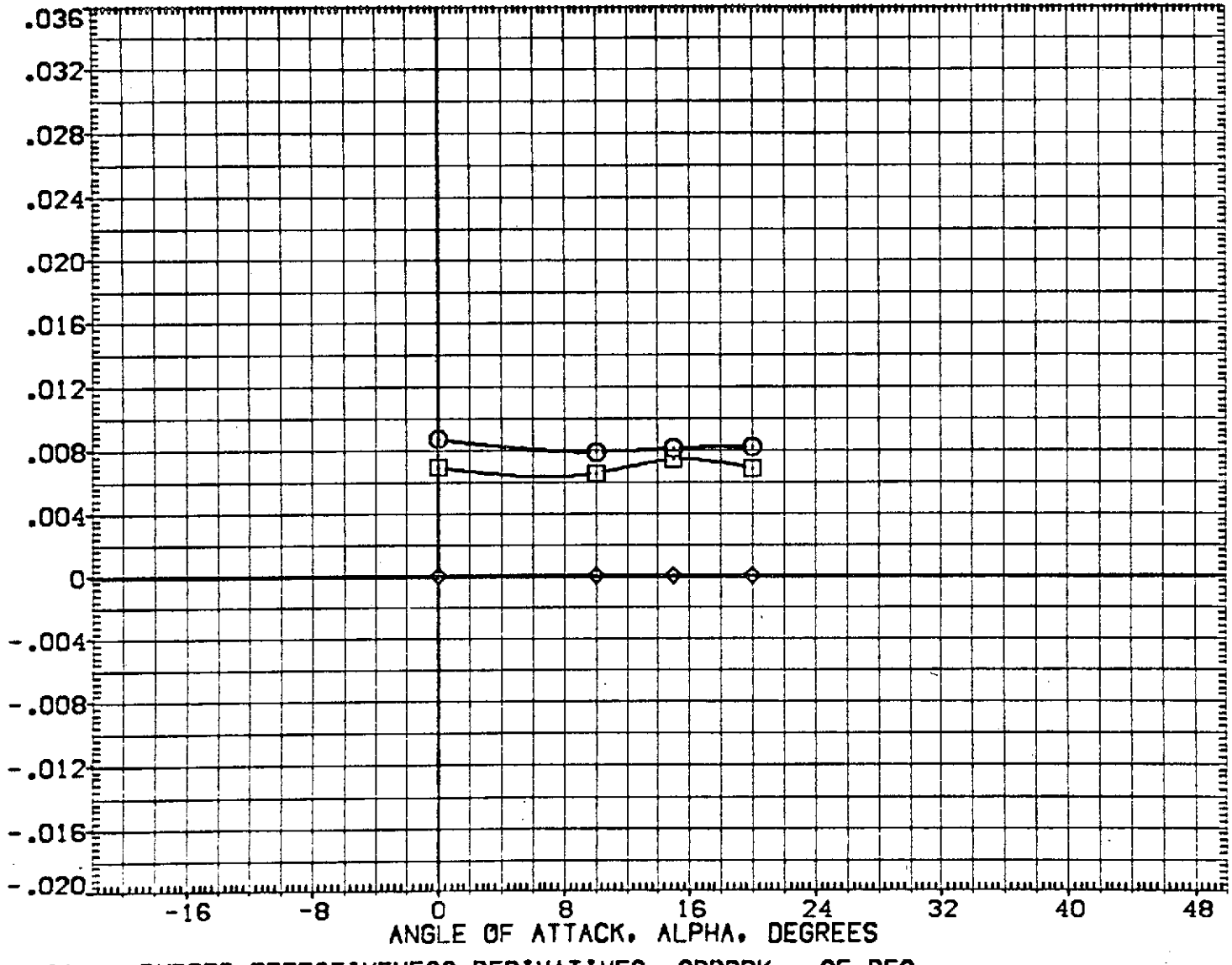


FIG 21 RUDDER EFFECTIVENESS DERIVATIVES, SPOBRK = 25 DEG.

0A37 B26 C9 F9 M7 W116 E37 V8 R5 (MF2048)

SYMBOL	DRUDER		PARAMETRIC VALUES		
○	-25.000	MACH	.260	BETA	-0.000
□	-10.000	ELEVON	.000	AILRON	.000
◇	.000	BOFLAP	-11.700	SPDBRK	25.000

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
LREF	474.6000	INCHES
BREF	936.2000	INCHES
XMRP	1076.7000	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0300	

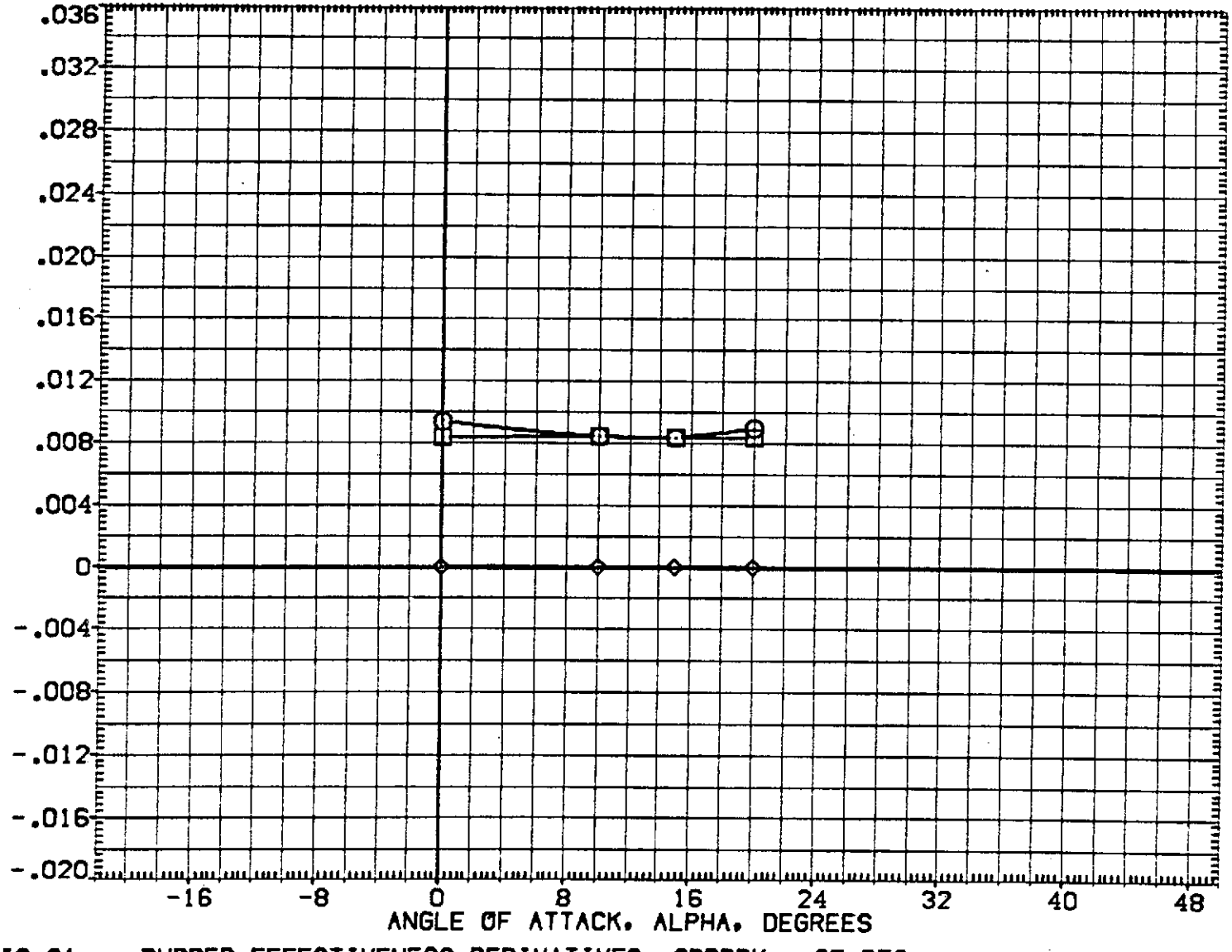


FIG 21 RUDDER EFFECTIVENESS DERIVATIVES, SPDBRK = 25 DEG.

0A37 B26 C9 F9 M7 W116 E37 V8 R5 (MF2048)

SYMBOL	RUDDER		PARAMETRIC VALUES		
○	-25.000	MACH	.260	BETA	-6.000
□	-10.000	ELEVON	.000	AILRON	.000
◇	.000	SDFLAP	-11.700	SPDBRK	25.000

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
LREF	474.8000	INCHES
BREF	936.8000	INCHES
XMRP	1076.7000	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0300	

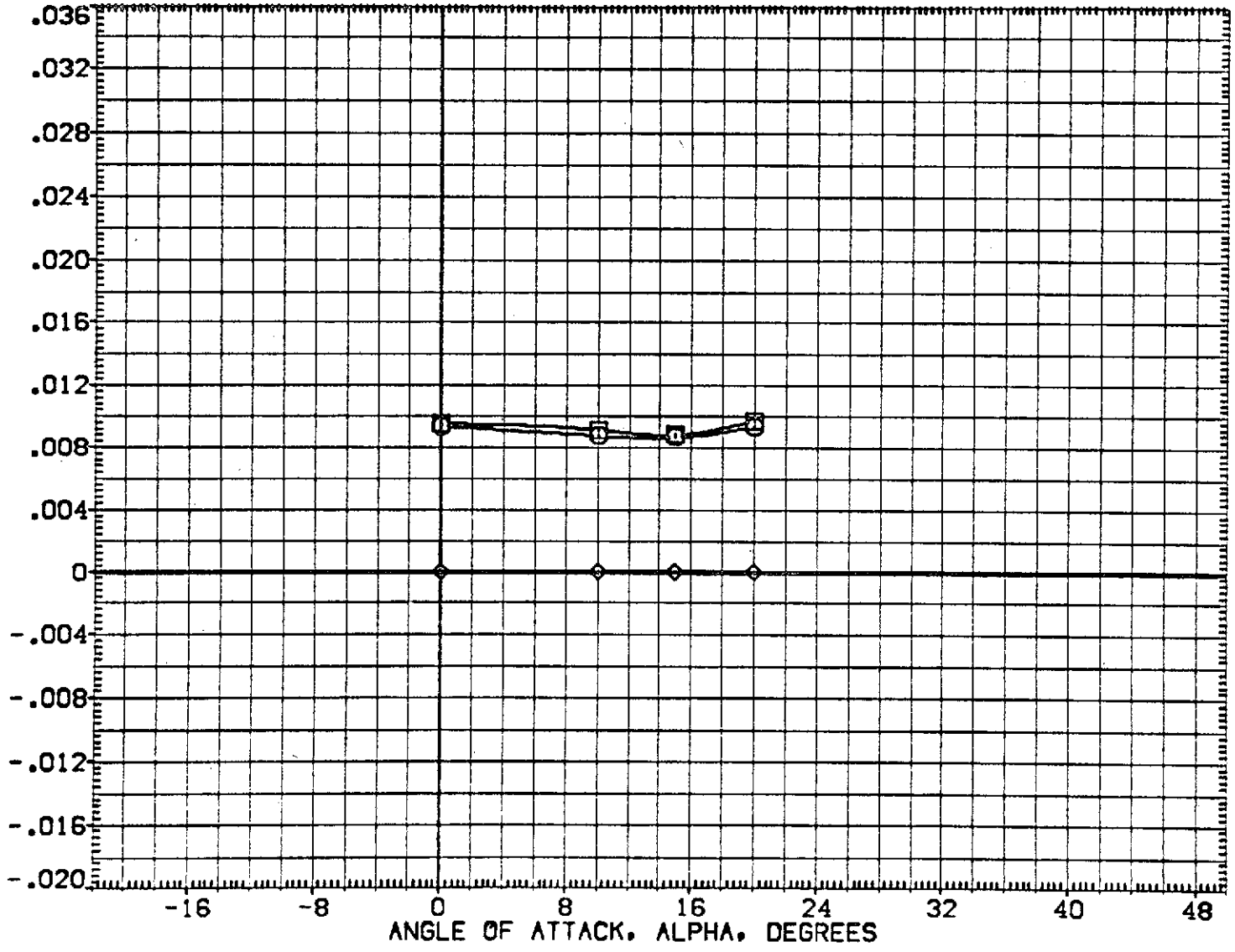


FIG 21 RUDDER EFFECTIVENESS DERIVATIVES, SPDBRK = 25 DEG.

0A37 B26 C9 F9 M7 W116 E37 V8 R5 (MF2048)

SYMBOL	DRUDER		PARAMETRIC VALUES		
○	-25.000	MACH	.260	BETA	-4.000
□	-10.000	ELEVON	.000	AILRON	.000
◇	.000	BOFLAP	-11.700	SPDBRK	25.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.6000	INCHES
BREF	936.8000	INCHES
XMRP	1076.7000	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0300	

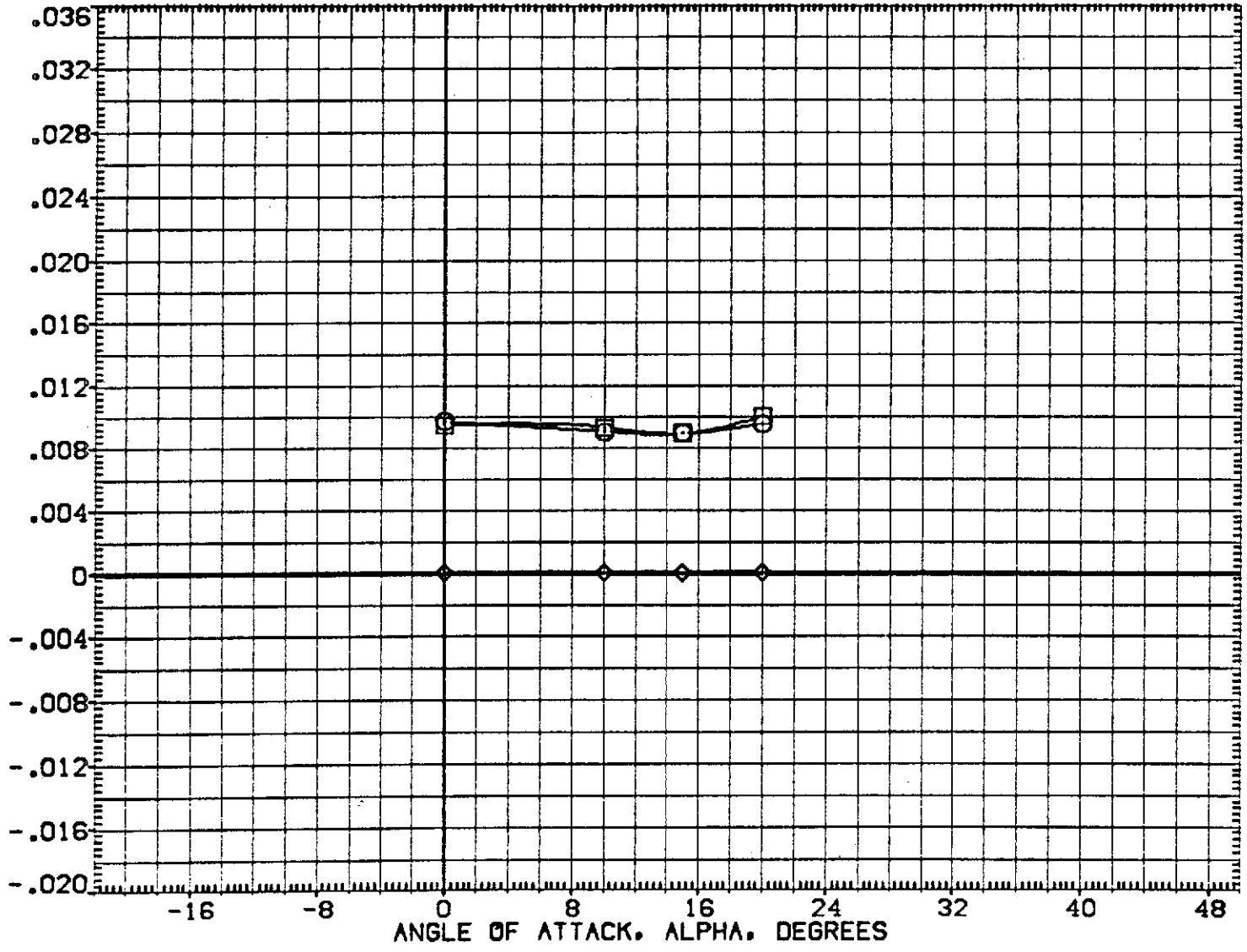


FIG 21 RUDDER EFFECTIVENESS DERIVATIVES, SPDBRK = 25 DEG.

0A37 B26 C9 F9 M7 W116 E37 V8 R5 (MF2048)

SYMBOL	DRUDER		PARAMETRIC VALUES		
○	-25.000	MACH	.260	BETA	-2.000
□	-10.000	ELEVON	.000	AILRON	.000
◇	.000	BDFLAP	-11.700	SPDBRK	25.000

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
LREF	474.6000	INCHES
BREF	935.3000	INCHES
XMRP	1076.7000	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0300	

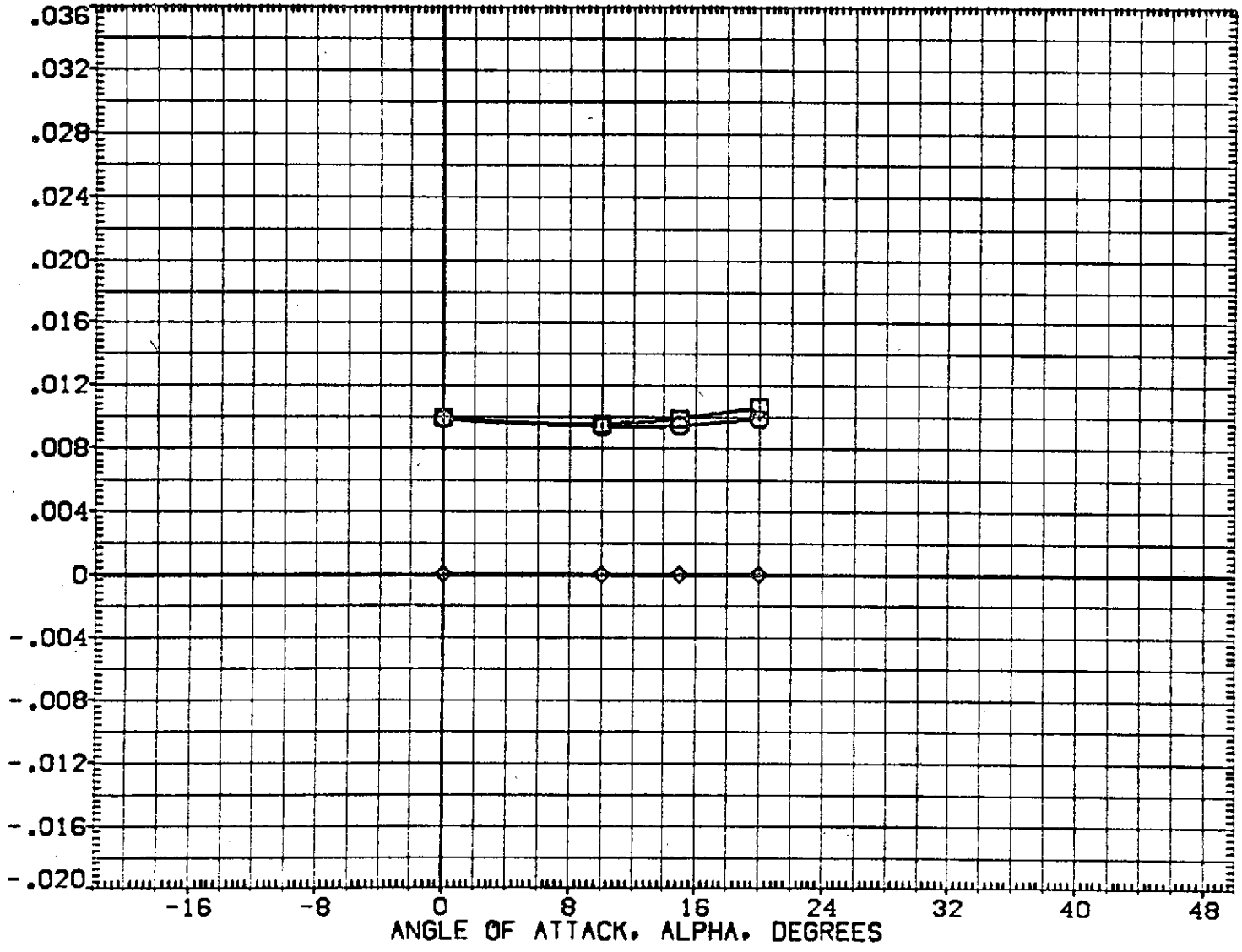


FIG 21 RUDDER EFFECTIVENESS DERIVATIVES, SPDBRK = 25 DEG.

0A37 B26 C9 F9 M7 W116 E37 V8 R5 (MF2048)

SYMBOL	DRUDER		PARAMETRIC VALUES		
○	-25.000	MACH	.260	BETA	.000
□	-10.000	ELEVON	.000	AILRON	.000
◇	.000	BDFLAP	-11.700	SPDBRK	25.000

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
LREF	474.8000	INCHES
BREF	936.8000	INCHES
XMRP	1076.7000	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0300	

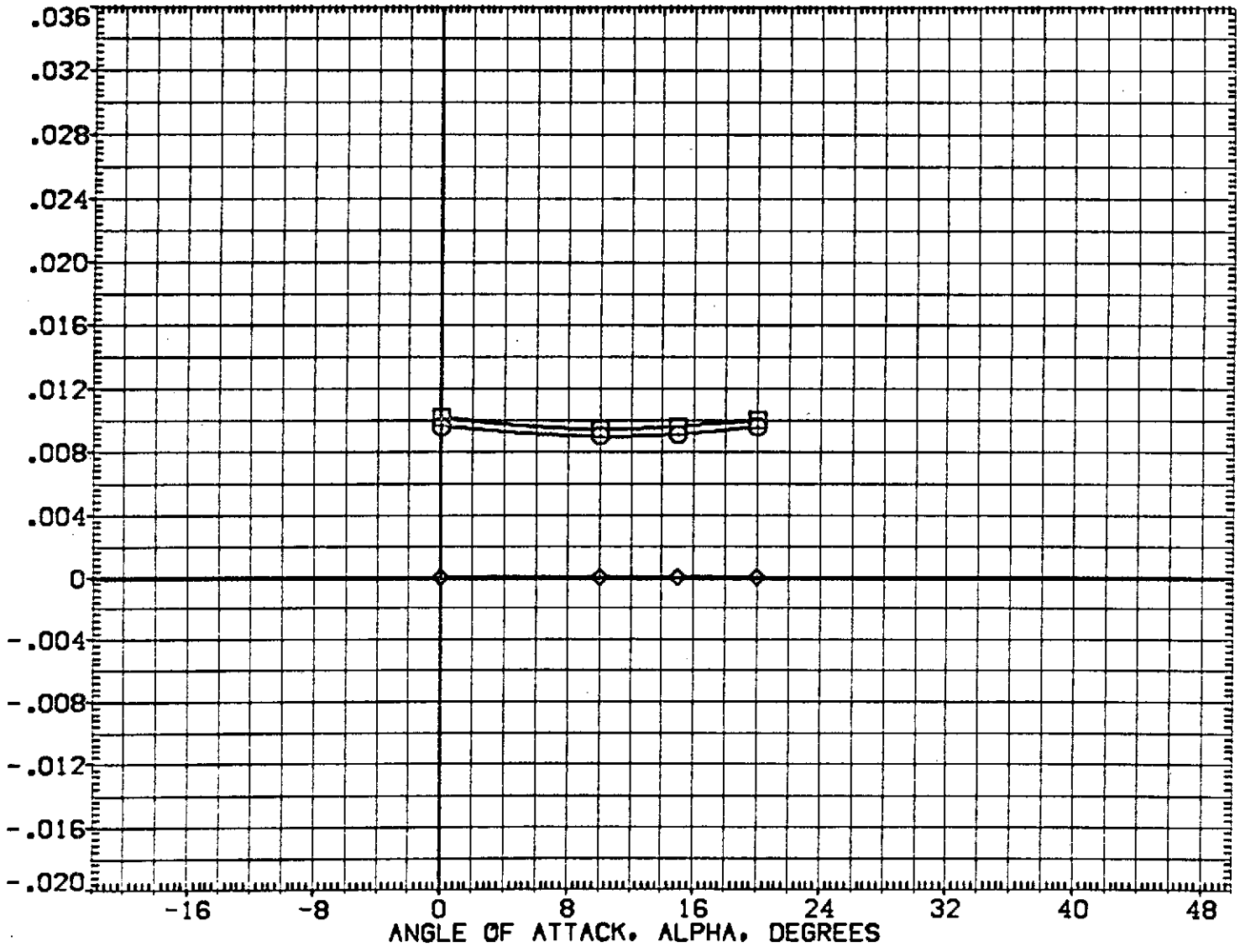


FIG 21 RUDDER EFFECTIVENESS DERIVATIVES. SPDBRK = 25 DEG.

0A37 B26 C9 F9 M7 W116 E37 V8 R5 (MF2048)

SYMBOL	RUDDER		PARAMETRIC VALUES		
○	-25.000	MACH	.260	BETA	2.000
□	-10.000	ELEVON	.000	AILRON	.000
◇	.000	SDFLAP	-11.700	SPDBRK	25.000

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
LREF	474.0000	INCHES
BREF	936.0000	INCHES
XMRP	1076.7000	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0300	

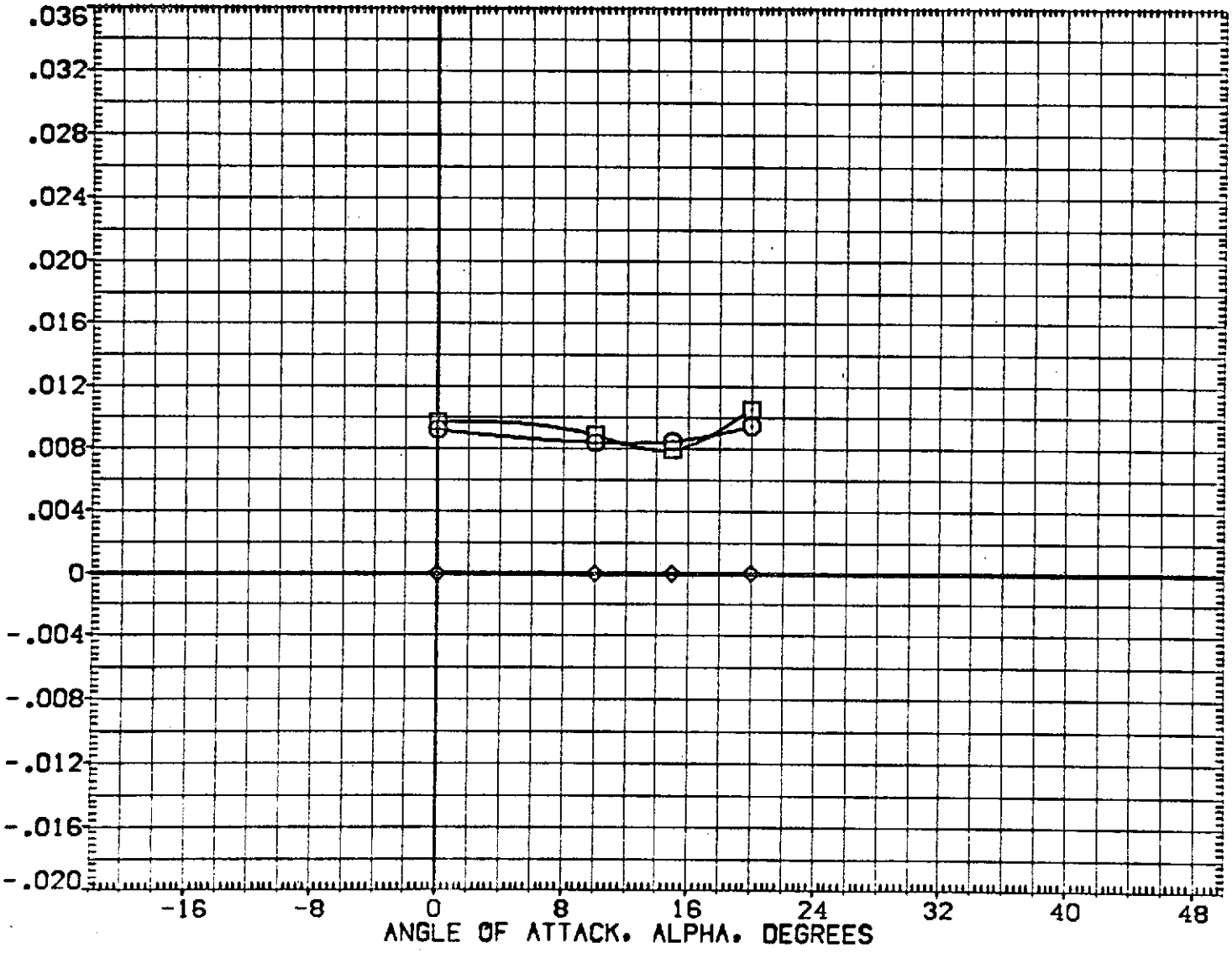


FIG 21 RUDDER EFFECTIVENESS DERIVATIVES. SPDBRK = 25 DEG.

0A37 B26 C9 F9 M7 W116 E37 V8 R5 (MF2048)

SYMBOL	DRUDER		PARAMETRIC VALUES		
○	-25.000	MACH	.260	BETA	4.000
□	-10.000	ELEVON	.000	AILRON	.000
◇	.000	BOFLAP	-11.700	SPDBRK	25.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.8000	INCHES
BREF	936.8000	INCHES
XMRP	1076.7000	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0300	

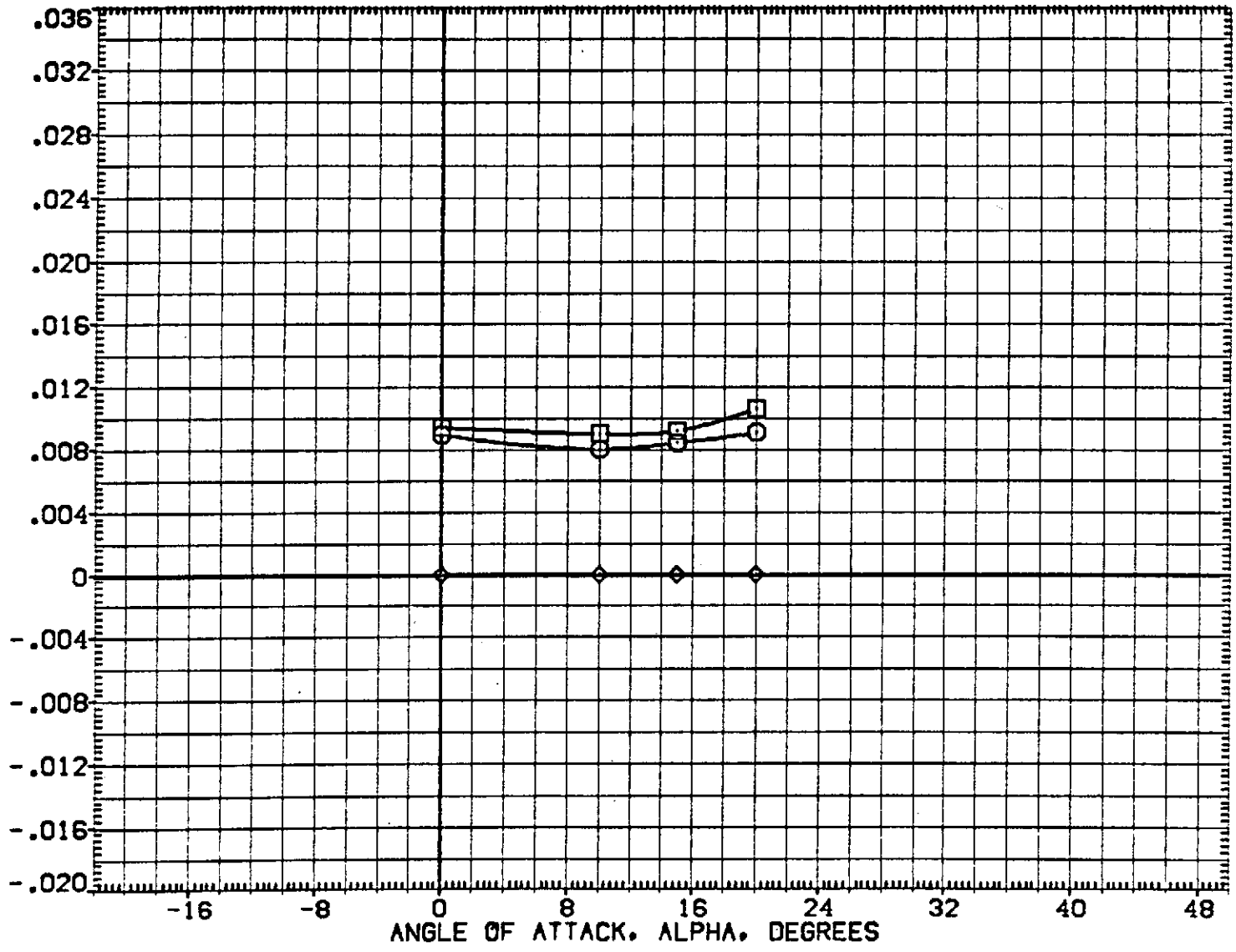


FIG 21 RUDDER EFFECTIVENESS DERIVATIVES. SPDBRK = 25 DEG.

0A37 B26 C9 F9 M7 W116 E37 V8 R5 (MF2048)

SYMBOL	RUDDER		PARAMETRIC VALUES		
○	-25.000	MACH	.250	BETA	6.000
□	-10.000	ELEVON	.000	AILRON	.000
◇	.000	BDFLAP	-11.700	SPDBRK	25.000

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
LREF	474.8000	INCHES
BREF	935.8000	INCHES
XMRP	1076.7000	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0300	

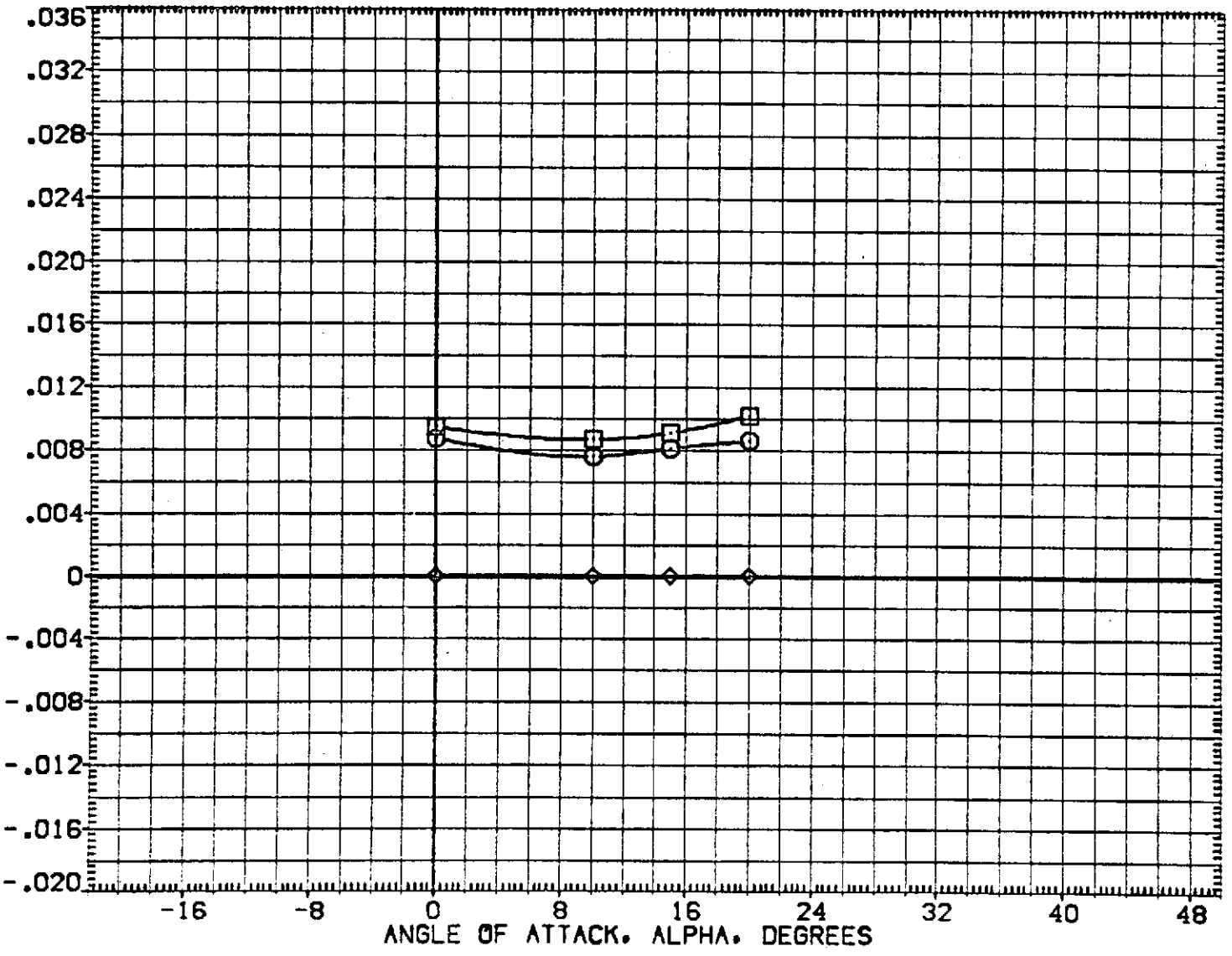


FIG 21 RUDDER EFFECTIVENESS DERIVATIVES. SPDBRK = 25 DEG.

0A37 B26 C9 F9 M7 W116 E37 V8 R5 (MF2048)

SYMBOL	DRUDER		PARAMETRIC VALUES		
○	-25.000	MACH	.260	BETA	0.000
□	-10.000	ELEVON	.000	AILRON	.000
◇	.000	BOFLAP	-11.700	SPDBRK	25.000

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
LREF	474.6000	INCHES
BREF	936.8000	INCHES
XMRP	1076.7000	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0300	

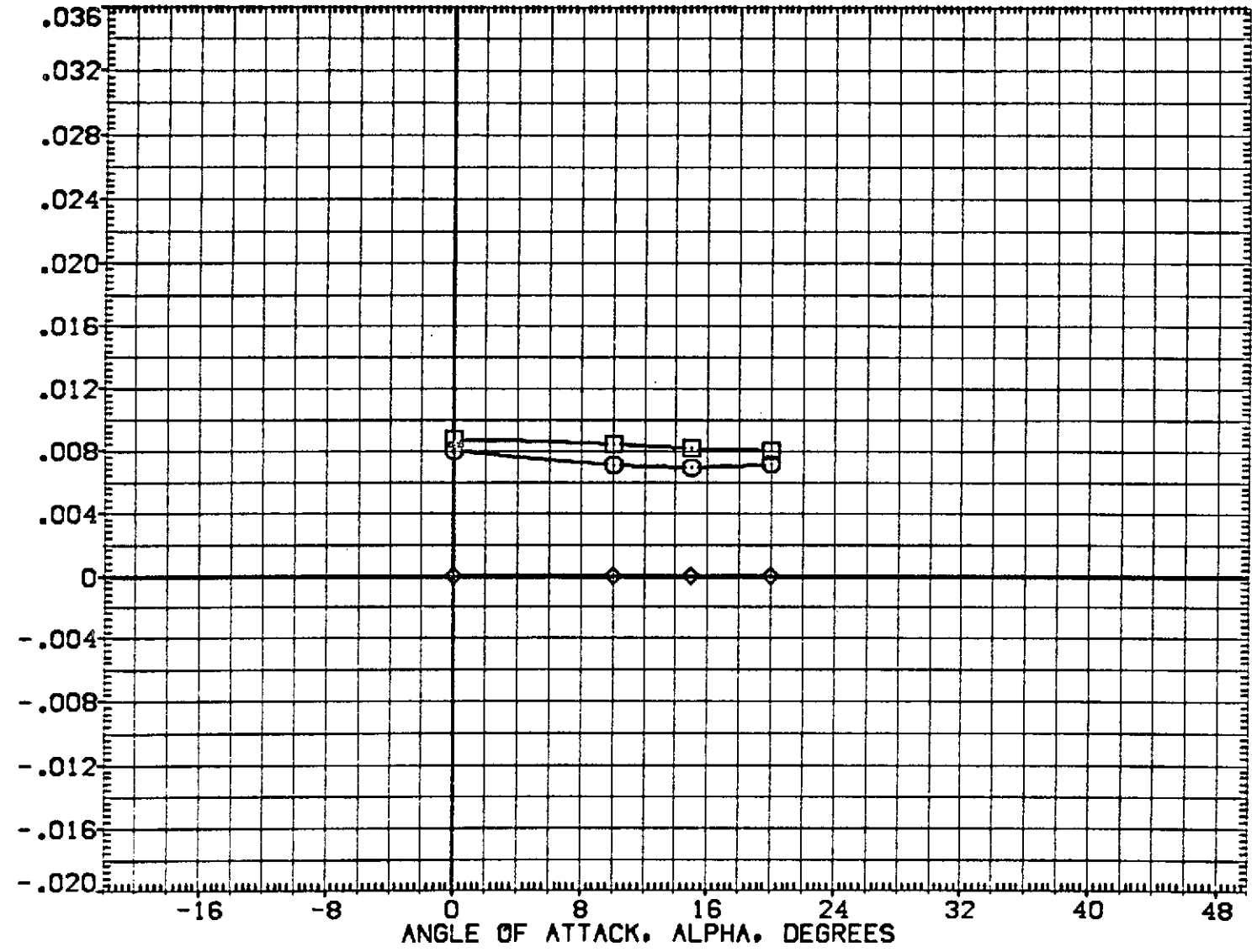


FIG 21 RUDDER EFFECTIVENESS DERIVATIVES. SPDBRK = 25 DEG.

0A37 B26 C9 F9 M7 W116 E37 V8 R5 (MF2048)

SYMBOL	RUDDER		PARAMETRIC VALUES		
○	-25.000	MACH	.260	BETA	10.000
□	-10.000	ELEVON	.000	AILRON	.000
◇	.000	BODFLAP	-11.700	SPDBRK	25.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.8000	INCHES
BREF	936.8000	INCHES
XMRP	1076.7000	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0300	

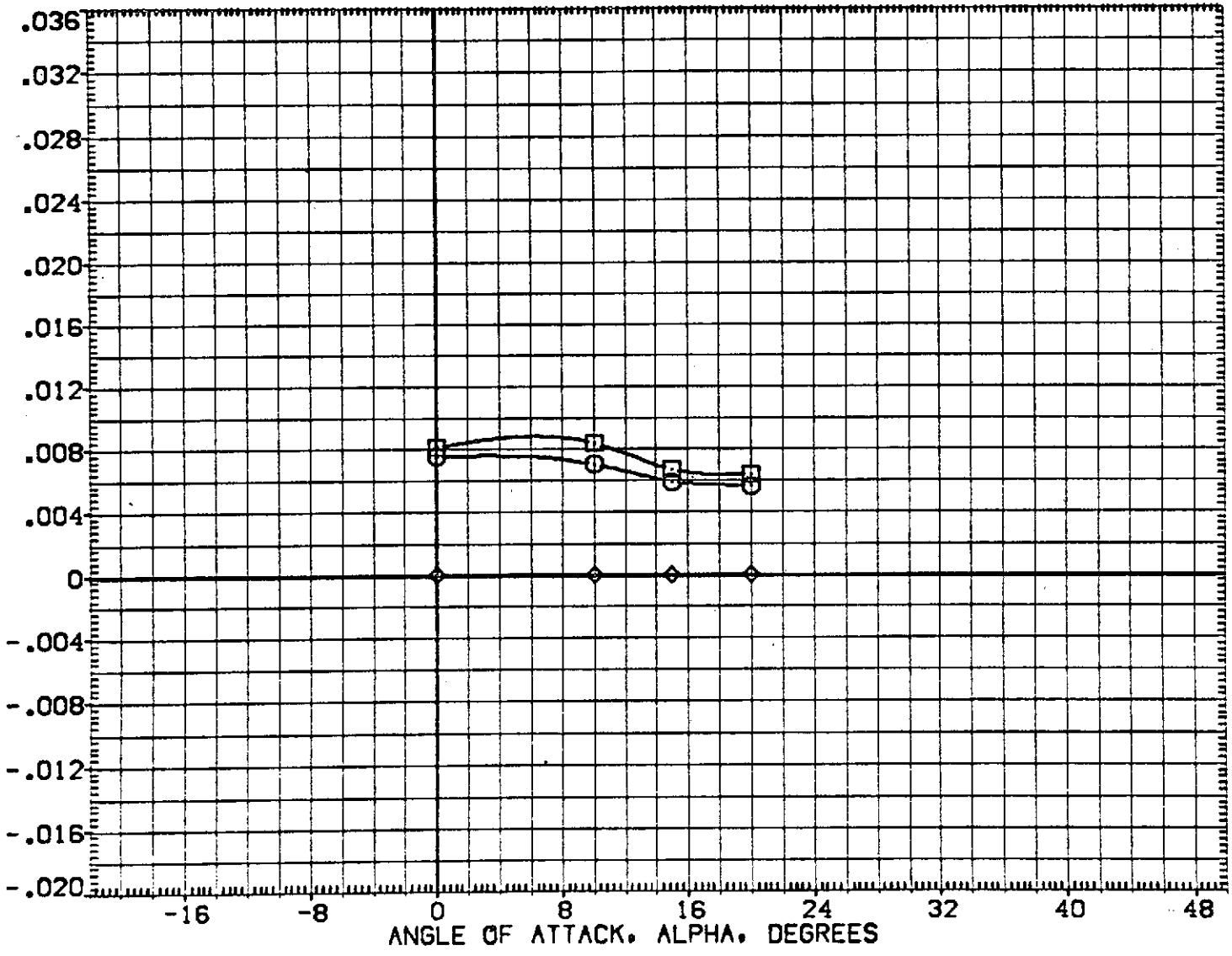


FIG 21 RUDDER EFFECTIVENESS DERIVATIVES, SPDBRK = 25 DEG.

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ALPHA	SPDBRK	RUDDER	BDFLAP	REFERENCE INFORMATION		
[RF2056]	○	0A37 B26 C9 F9 H7 V116E37V8 R5	.000	55.000	-25.000	-12.000	SREF	2690.0000	SQ.FT.
[RF2052]	□	0A37 B26 C9 F9 H7 V116E37V8 R5	.000	55.000	-10.000	-12.000	LREF	474.8000	INCHES
[RF2028]	◇	0A37 B26 C9 F9 H7 V116E37V8 R5	.000	55.000	.000	-12.000	BREF	936.6000	INCHES
[RF2057]	△	0A37 B26 C9 F9 H7 V116E37V8 R5	10.000	55.000	-25.000	-12.000	XMRP	1076.7000	INCHES
[RF2053]	▽	0A37 B26 C9 F9 H7 V116E37V8 R5	10.000	55.000	-10.000	-12.000	YMRP	.0000	INCHES
[RF2029]	D	0A37 B26 C9 F9 H7 V116E37V8 R5	10.000	55.000	.000	-12.000	ZMRP	375.0000	INCHES
							SCALE	.0300	SCALE

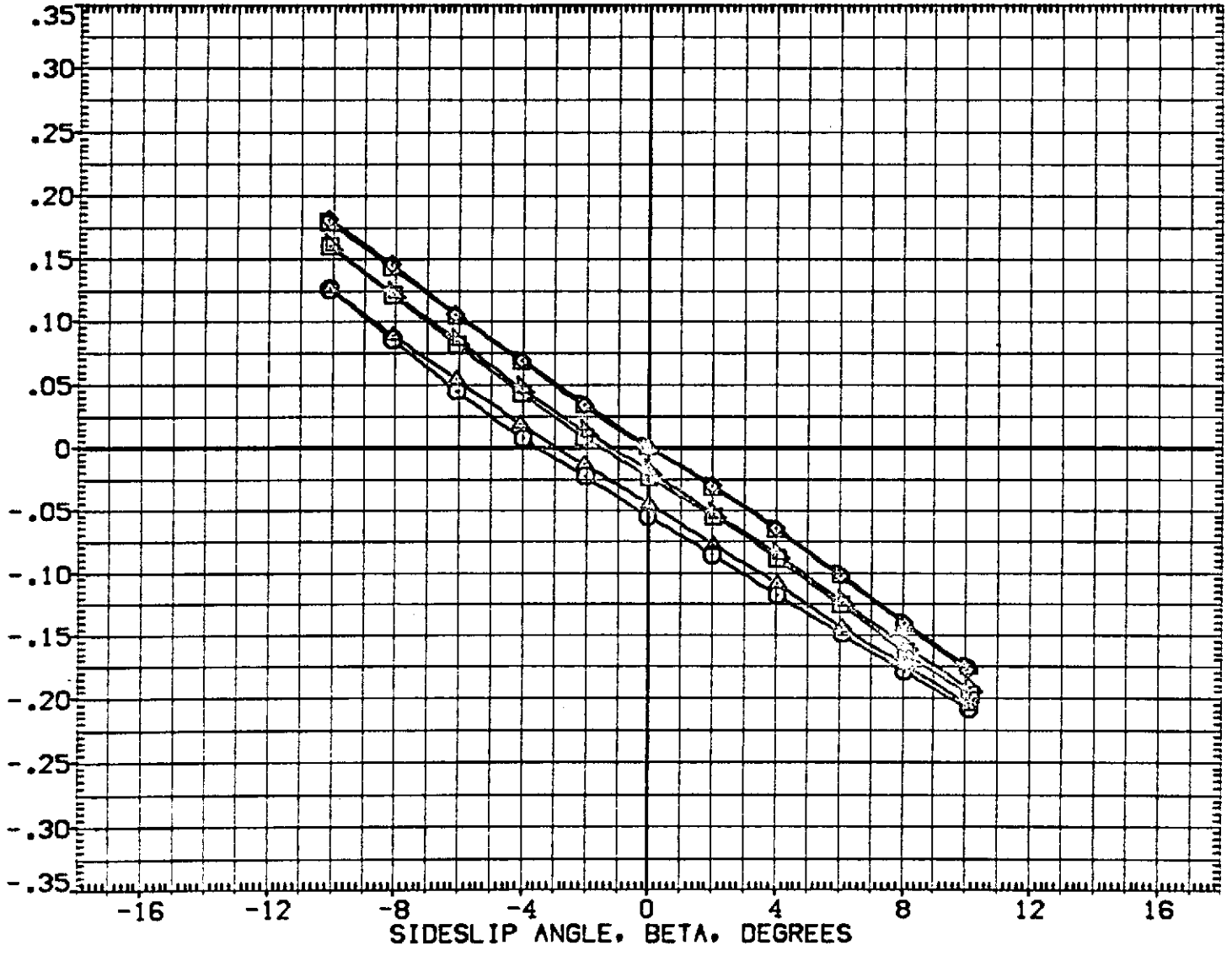


FIG 22 RUDDER EFFECTIVENESS, SPDBRK = 55 DEG., ALPHA = 0 AND 10 DEG.

(A)MACH = .26

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(RF2056)	○	0A37 B26 C9 F9 M7 W11GE37V8 R5
(RF2052)	□	0A37 B26 C9 F9 M7 W11GE37V8 R5
(RF2028)	◇	0A37 B26 C9 F9 M7 W11GE37V8 R5
(RF2057)	△	0A37 B26 C9 F9 M7 W11GE37V8 R5
(RF2053)	▽	0A37 B26 C9 F9 M7 W11GE37V8 R5
(RF2029)	◁	0A37 B26 C9 F9 M7 W11GE37V8 R5

ALPHA	SPDBRK	RUDDER	BOFLAP
.000	55.000	-25.000	-12.000
.000	55.000	-10.000	-12.000
.000	55.000	.000	-12.000
10.000	55.000	-25.000	-12.000
10.000	55.000	-10.000	-12.000
10.000	55.000	.000	-12.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.8000	INCHES
BREF	935.8000	INCHES
XMRP	1076.7000	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0300	SCALE

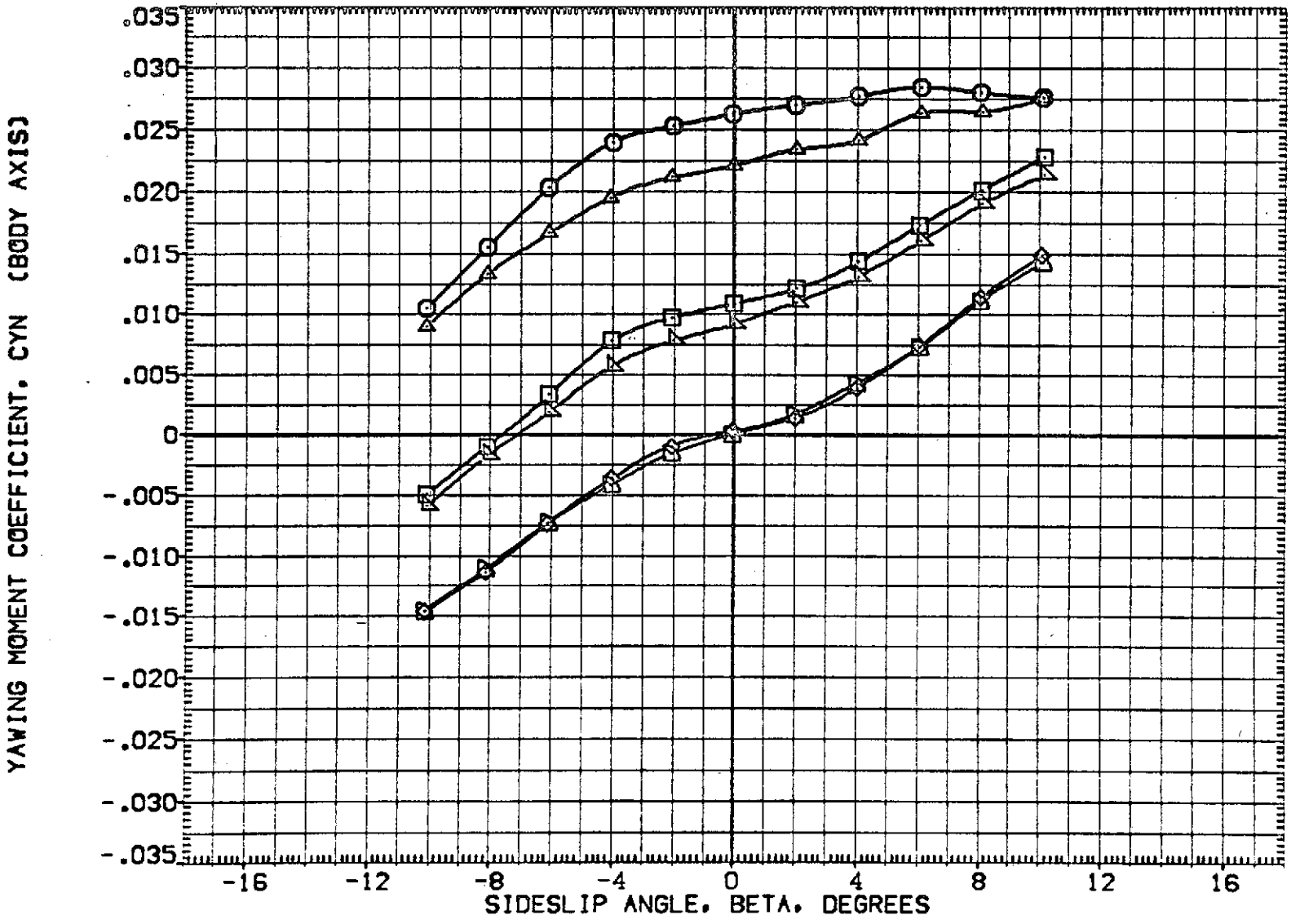


FIG 22 RUDDER EFFECTIVENESS, SPDBRK = 55 DEG., ALPHA = 0 AND 10 DEG.

(A)MACH = .26

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ALPHA	SPDBRK	RUDDER	BOFLAP
(RF2058)	□	0A37 B26 C9 F9 M7 V116E37V8 R5	.000	55.000	-25.000	-12.000
(RF2052)	□	0A37 B26 C9 F9 M7 V116E37V8 R5	.000	55.000	-10.000	-12.000
(RF2028)	◇	0A37 B26 C9 F9 M7 V116E37V8 R5	.000	55.000	.000	-12.000
(RF2057)	△	0A37 B26 C9 F9 M7 V116E37V8 R5	10.000	55.000	-25.000	-12.000
(RF2053)	△	0A37 B26 C9 F9 M7 V116E37V8 R5	10.000	55.000	-10.000	-12.000
(RF2029)	△	0A37 B26 C9 F9 M7 V116E37V8 R5	10.000	55.000	.000	-12.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.6000	INCHES
BREF	935.0000	INCHES
XMRP	1076.7000	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0300	SCALE

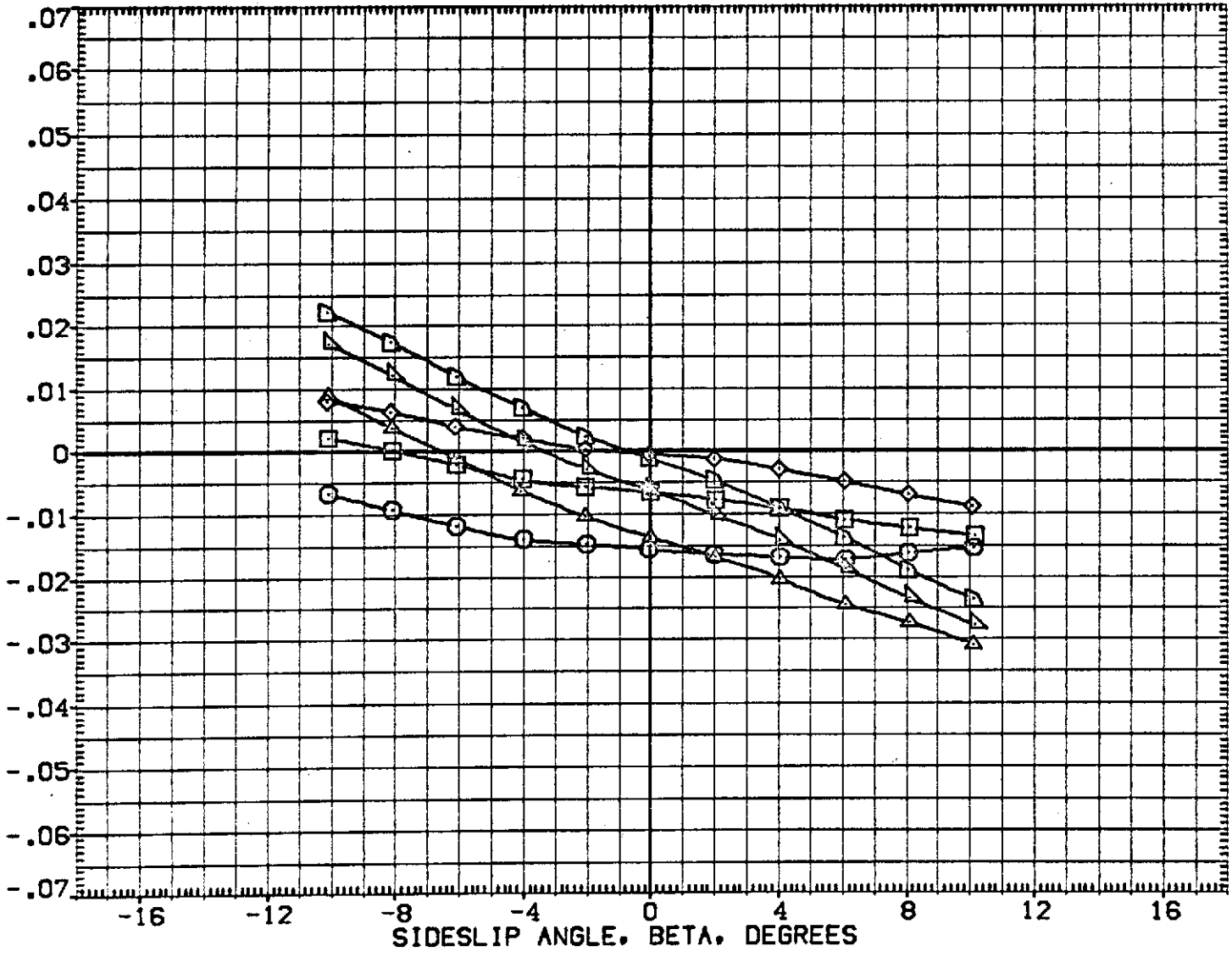


FIG 22 RUDDER EFFECTIVENESS, SPDBRK = 55 DEG., ALPHA = 0 AND 10 DEG.

(A)MACH = .26

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ALPHA	SPDBRK	RUDDER	BOFLAP
(AF2056)	□	GA37 B26 C9 F9 M7 V116 E37 V8 R5	.000	55.000	-25.000	-11.700
(AF2052)	○	GA37 B26 C9 F9 M7 V116 E37 V8 R5	.000	55.000	-10.000	-11.700
(AF2028)	◇	GA37 B26 C9 F9 M7 V116 E37 V8 R5	.000	55.000	.000	-11.700
(AF2057)	△	GA37 B26 C9 F9 M7 V116 E37 V8 R5	10.000	55.000	-25.000	-11.700
(AF2053)	▽	GA37 B26 C9 F9 M7 V116 E37 V8 R5	10.000	55.000	-10.000	-11.700
(AF2029)	⬠	GA37 B26 C9 F9 M7 V116 E37 V8 R5	10.000	55.000	.000	-11.700

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.8000	INCHES
BREF	935.8000	INCHES
XMRP	1076.7000	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0300	

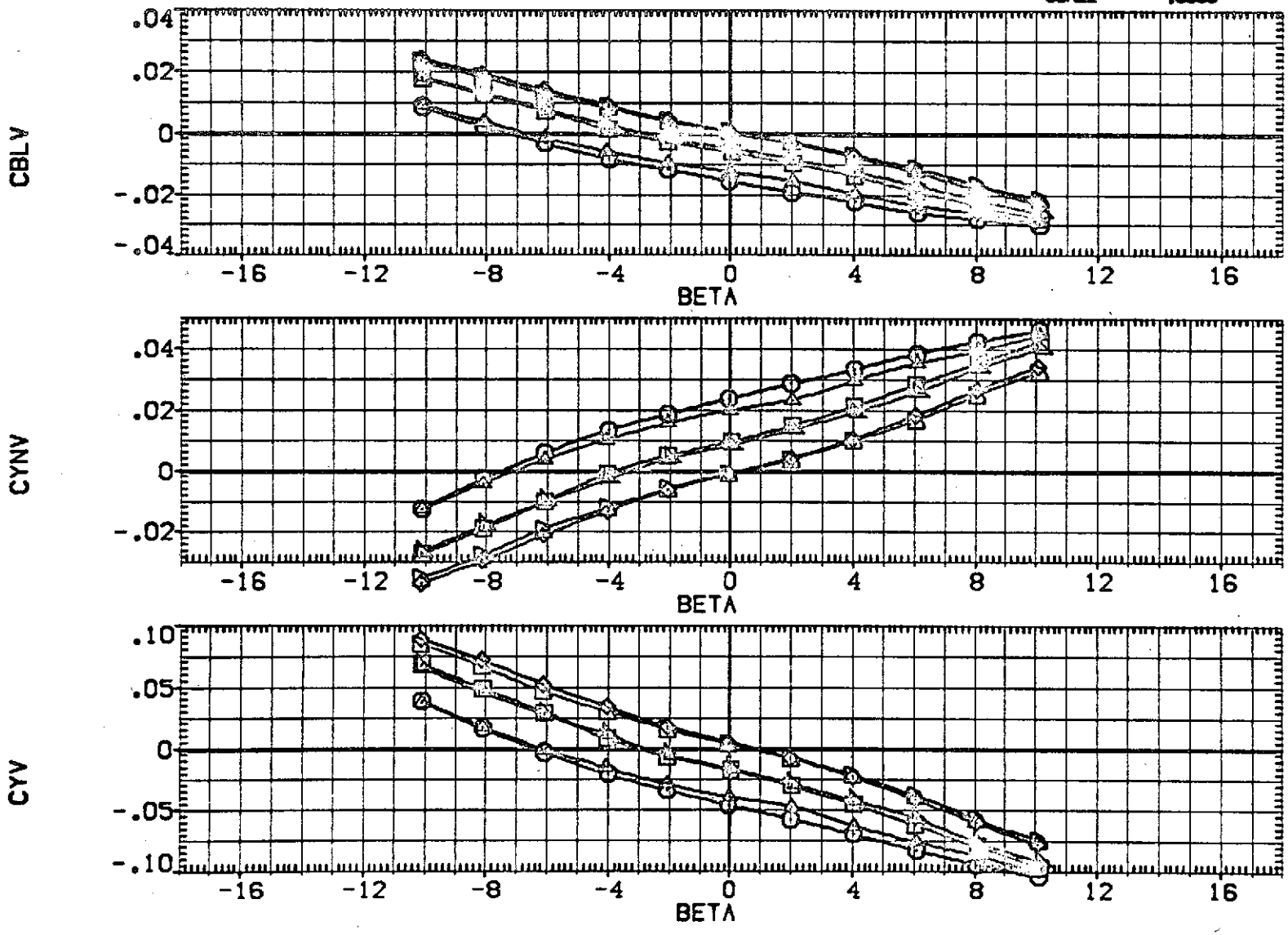


FIG 22 RUDDER EFFECTIVENESS, SPDBRK = 55 DEG., ALPHA = 0 AND 10 DEG.

(A)MACH = .26

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ALPHA	SPDBRK	RUDDER	BDFLAP	REFERENCE INFORMATION		
(AF2058)	○	0A37 B26 C9 F9 M7 V116 E37 V8 R5	.000	55.000	-25.000	-11.700	SREF	2690.0000	SQ.FT.
(AF2052)	□	0A37 B26 C9 F9 M7 V116 E37 V8 R5	.000	55.000	-10.000	-11.700	LREF	474.0000	INCHES
(AF2028)	◇	0A37 B26 C9 F9 M7 V116 E37 V8 R5	.000	55.000	.000	-11.700	BREF	935.0000	INCHES
(AF2057)	△	0A37 B26 C9 F9 M7 V116 E37 V8 R5	10.000	55.000	-25.000	-11.700	XMRP	1076.7000	INCHES
(AF2053)	▽	0A37 B26 C9 F9 M7 V116 E37 V8 R5	10.000	55.000	-10.000	-11.700	YMRP	.0000	INCHES
(AF2029)	▷	0A37 B26 C9 F9 M7 V116 E37 V8 R5	10.000	55.000	.000	-11.700	ZMRP	375.0000	INCHES
							SCALE	.0300	

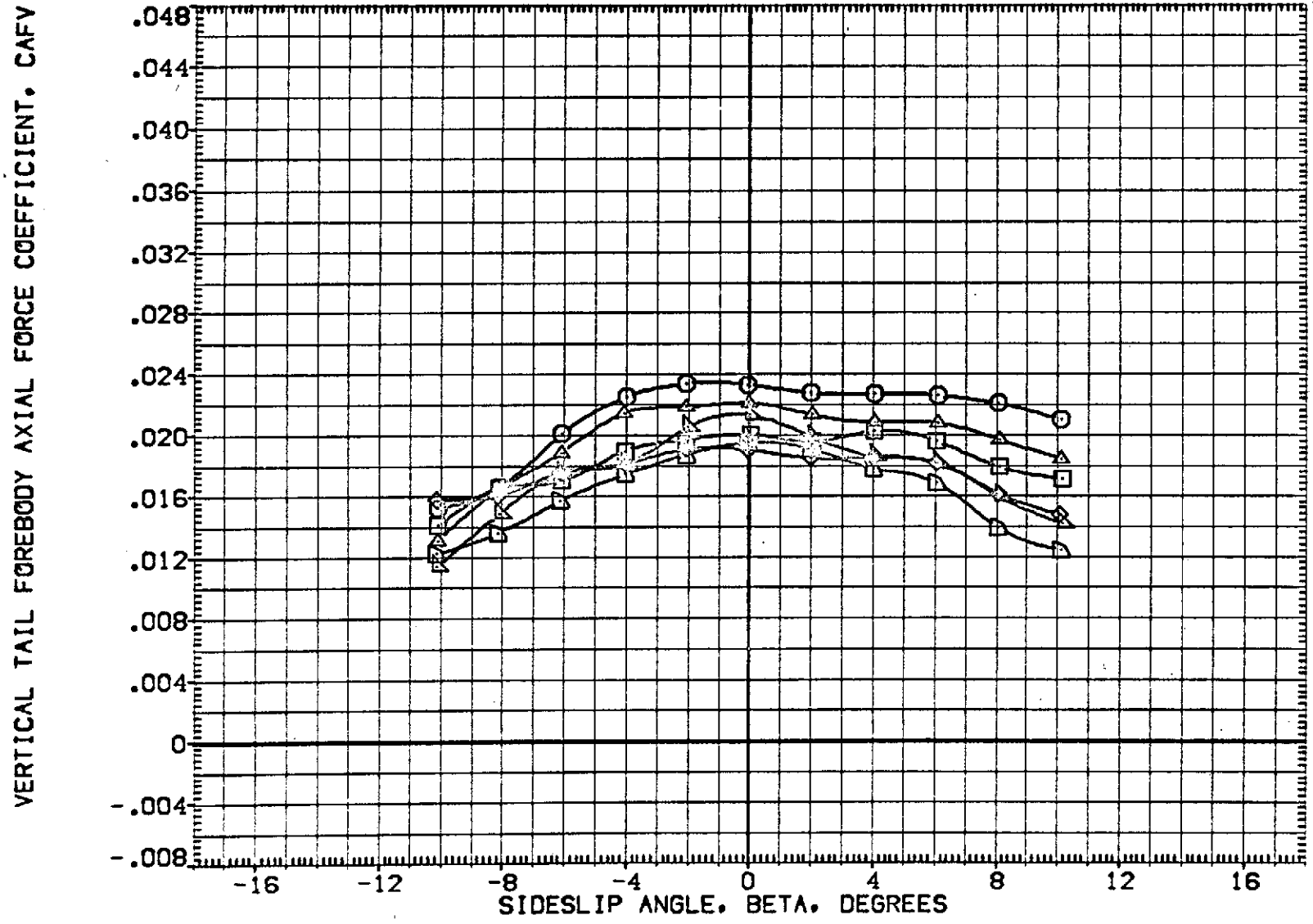


FIG 22 RUDDER EFFECTIVENESS, SPDBRK = 55 DEG., ALPHA = 0 AND 10 DEG.

(A)MACH = .26

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(BF2056)	○	GA37 B26 C9 F9 M7 V116 E37 V8 R5
(BF2052)	□	GA37 B26 C9 F9 M7 V116 E37 V8 R5
(BF2020)	◇	GA37 B26 C9 F9 M7 V116 E37 V8 R5
(BF2057)	△	GA37 B26 C9 F9 M7 V116 E37 V8 R5
(BF2053)	▽	GA37 B26 C9 F9 M7 V116 E37 V8 R5
(BF2029)	▷	GA37 B26 C9 F9 M7 V116 E37 V8 R5

ALPHA	SPDBRK	RUDDER	BDFLAP
.000	55.000	-25.000	-11.700
.000	55.000	-10.000	-11.700
.000	55.000	.000	-11.700
10.000	55.000	-25.000	-11.700
10.000	55.000	-10.000	-11.700
10.000	55.000	.000	-11.700

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.8000	INCHES
BREF	936.8000	INCHES
XMRP	1076.7000	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0300	

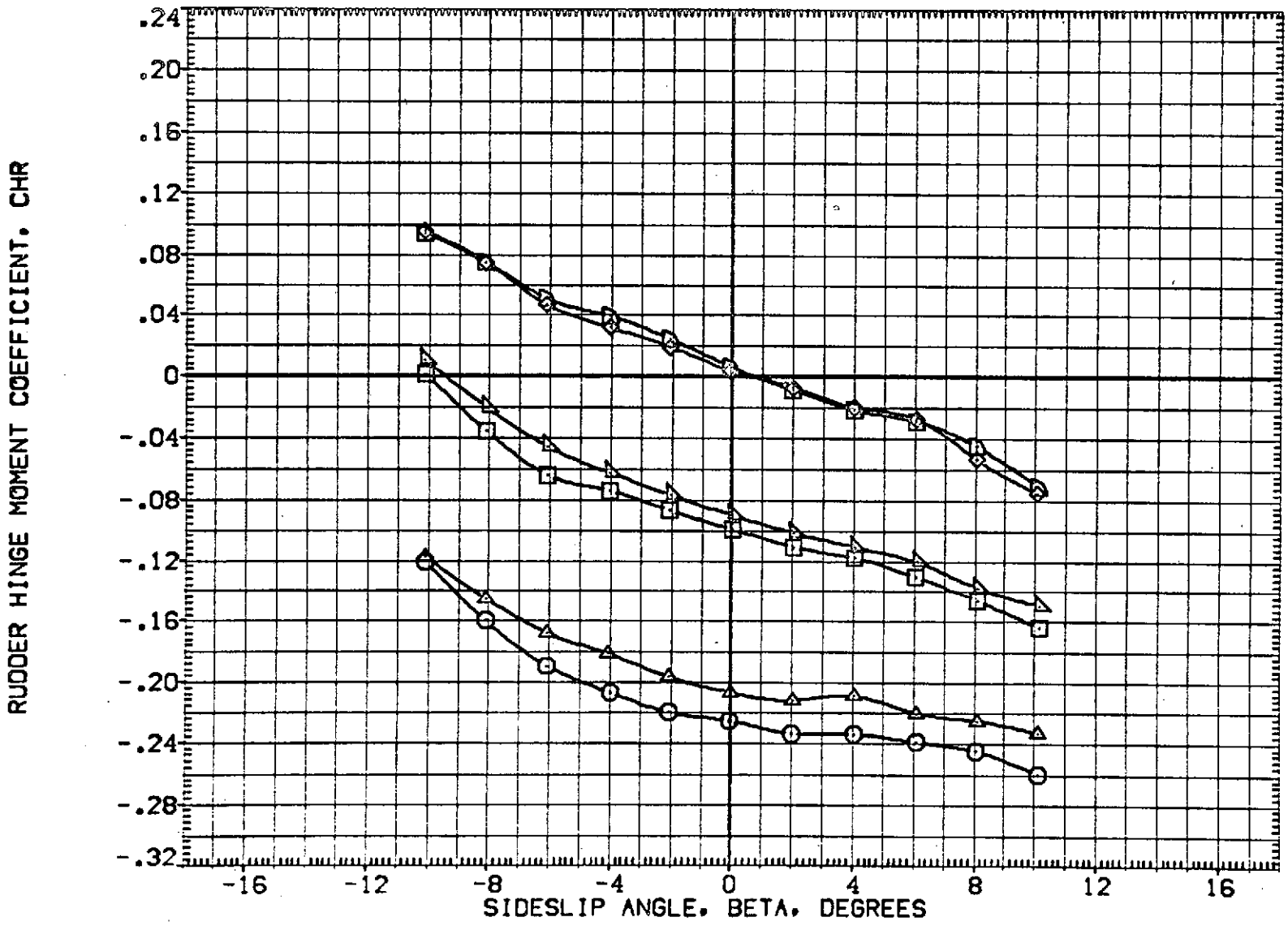


FIG 22 RUDDER EFFECTIVENESS, SPDBRK = 55 DEG., ALPHA = 0 AND 10 DEG.

(A)MACH = .26

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ALPHA	SPDBRK	RUDDER	BOFLAP	REFERENCE INFORMATION		
(RF2058)	○	0A37 B26 C9 F9 M7 V116E37V8 R5	15.000	55.000	-25.000	-12.000	SREF	2690.0000	SQ.FT.
(RF2054)	□	0A37 B26 C9 F9 M7 V116E37V8 R5	15.000	55.000	-10.000	-12.000	LREF	474.8000	INCHES
(RF2033)	◇	0A37 B26 C9 F9 M7 V116E37V8 R5	15.000	55.000	.000	-12.000	BREF	935.8000	INCHES
(RF2059)	△	0A37 B26 C9 F9 M7 V116E37V8 R5	20.000	55.000	-25.000	-12.000	XMRP	1076.7000	INCHES
(RF2055)	▽	0A37 B26 C9 F9 M7 V116E37V8 R5	20.000	55.000	-10.000	-12.000	YMRP	.0000	INCHES
(RF2031)	▷	0A37 B26 C9 F9 M7 V116E37V8 R5	20.000	55.000	.000	-12.000	ZMRP	375.0000	INCHES
							SCALE	.0300	SCALE

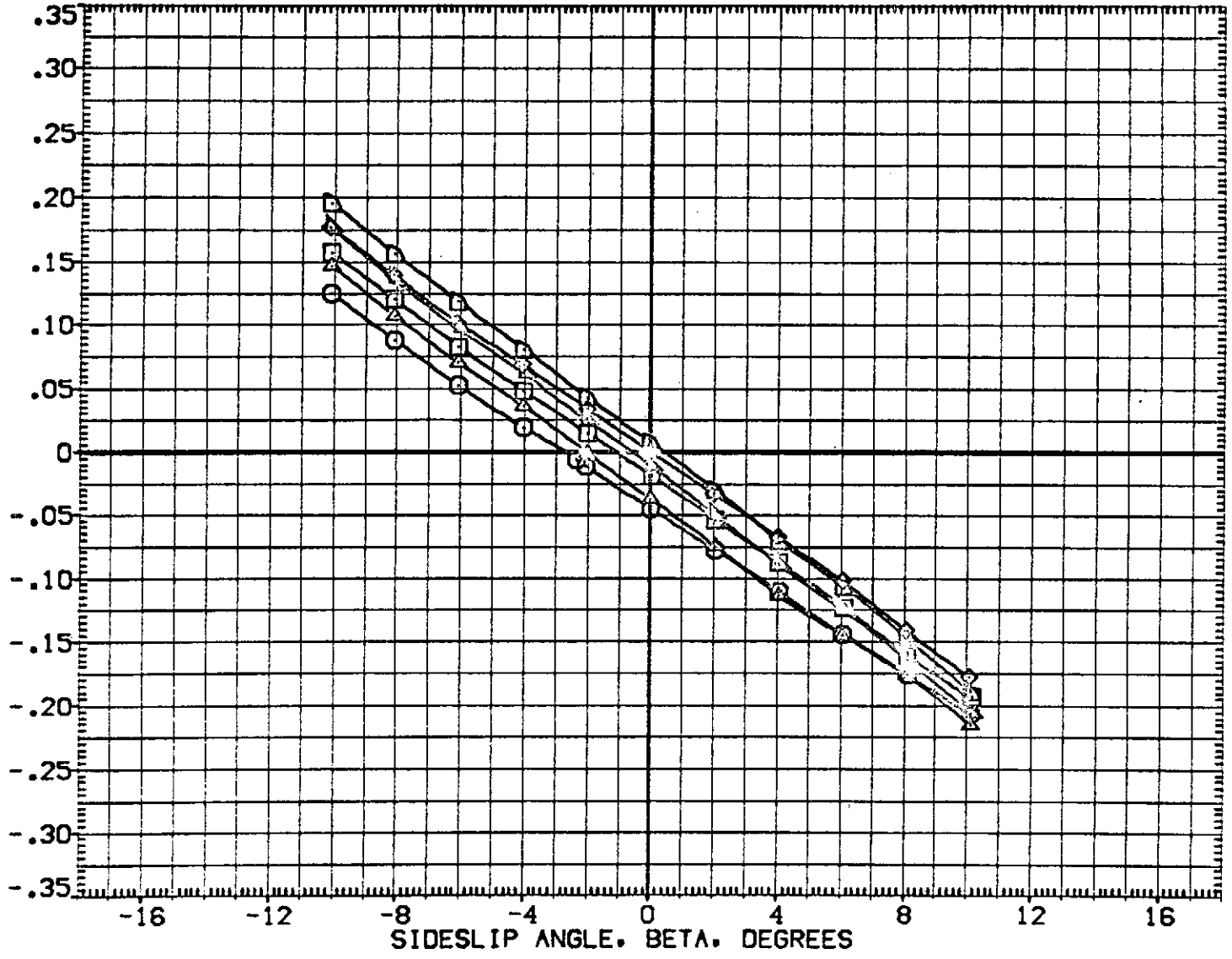


FIG 23 RUDDER EFFECTIVENESS, SPDBRK = 55 DEG., ALPHA = 15 AND 20 DEG.

(A)MACH = .26

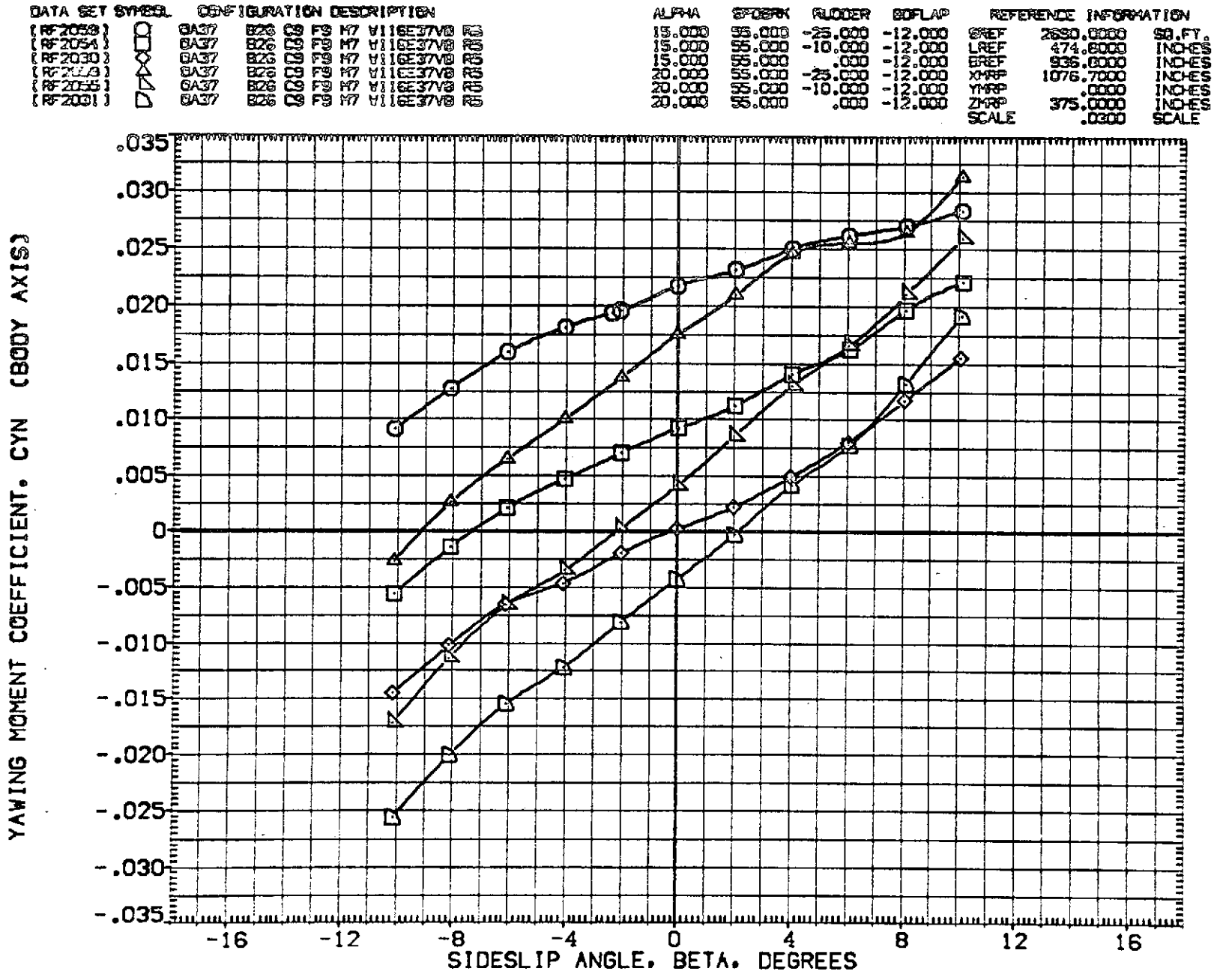


FIG 23 RUDDER EFFECTIVENESS, SPDBRK = 55 DEG., ALPHA = 15 AND 20 DEG.

(A)MACH = .26

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ALPHA	SPDBRK	RUDDER	BDFLAP	REFERENCE INFORMATION		
[RF2059]	○	0A37 B26 C9 F9 M7 V11GE37V8 R5	15.000	55.000	-25.000	-12.000	SREF	2690.0000	SQ.FT.
[RF2054]	□	0A37 B26 C9 F9 M7 V11GE37V8 R5	15.000	55.000	-10.000	-12.000	LREF	474.8000	INCHES
[RF2030]	◇	0A37 B26 C9 F9 M7 V11GE37V8 R5	15.000	55.000	.000	-12.000	BREF	936.8000	INCHES
[RF2058]	△	0A37 B26 C9 F9 M7 V11GE37V8 R5	20.000	55.000	-25.000	-12.000	XMRP	1076.7000	INCHES
[RF2055]	▷	0A37 B26 C9 F9 M7 V11GE37V8 R5	20.000	55.000	-10.000	-12.000	YMRP	.0000	INCHES
[RF2031]	▽	0A37 B26 C9 F9 M7 V11GE37V8 R5	20.000	55.000	.000	-12.000	ZMRP	375.0000	INCHES
							SCALE	.0300	SCALE

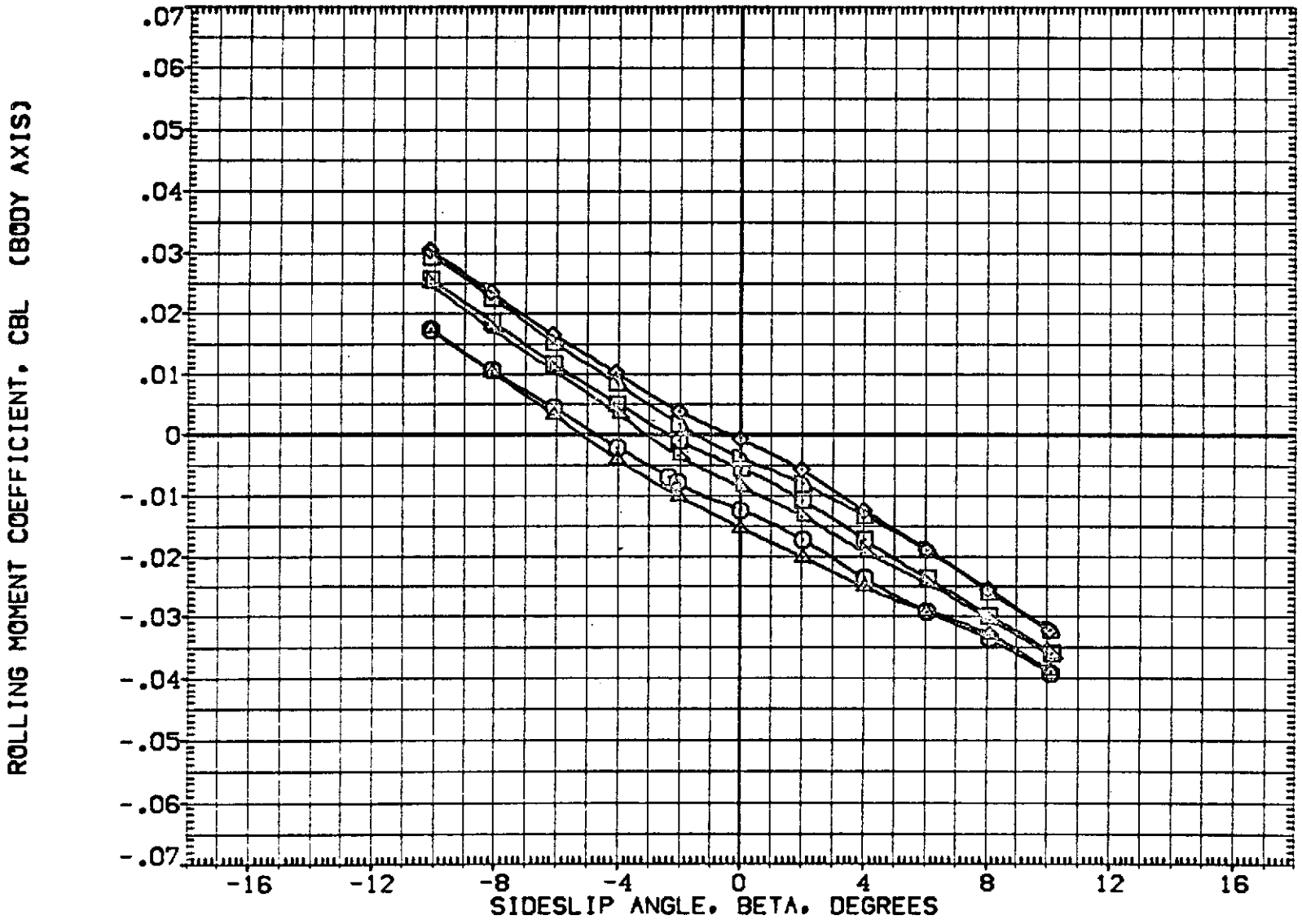


FIG 23 RUDDER EFFECTIVENESS, SPDBRK = 55 DEG., ALPHA = 15 AND 20 DEG.

(A)MACH = .26

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ALPHA	SPDBRK	RUDDER	BDFLAP	REFERENCE INFORMATION		
(AF2059)		BA37 B22C C9 F9 M7 W116 E37 V8 R5	15.000	55.000	-25.000	-11.700	SREF	2690.0000	SQ.FT.
(AF2054)		BA37 B22C C9 F9 M7 W116 E37 V8 R5	15.000	55.000	-10.000	-11.700	LREF	474.6000	INCHES
(AF2030)		BA37 B22C C9 F9 M7 W116 E37 V8 R5	15.000	55.000	.000	-11.700	BREF	936.6000	INCHES
(AF2031)		BA37 B22C C9 F9 M7 W116 E37 V8 R5	20.000	55.000	-25.000	-11.700	XMRP	1076.7000	INCHES
(AF2055)		BA37 B22C C9 F9 M7 W116 E37 V8 R5	20.000	55.000	-10.000	-11.700	YMRP	.0000	INCHES
(AF2031)		BA37 B22C C9 F9 M7 W116 E37 V8 R5	20.000	55.000	.000	-11.700	ZMRP	375.0000	INCHES
							SCALE	.0300	

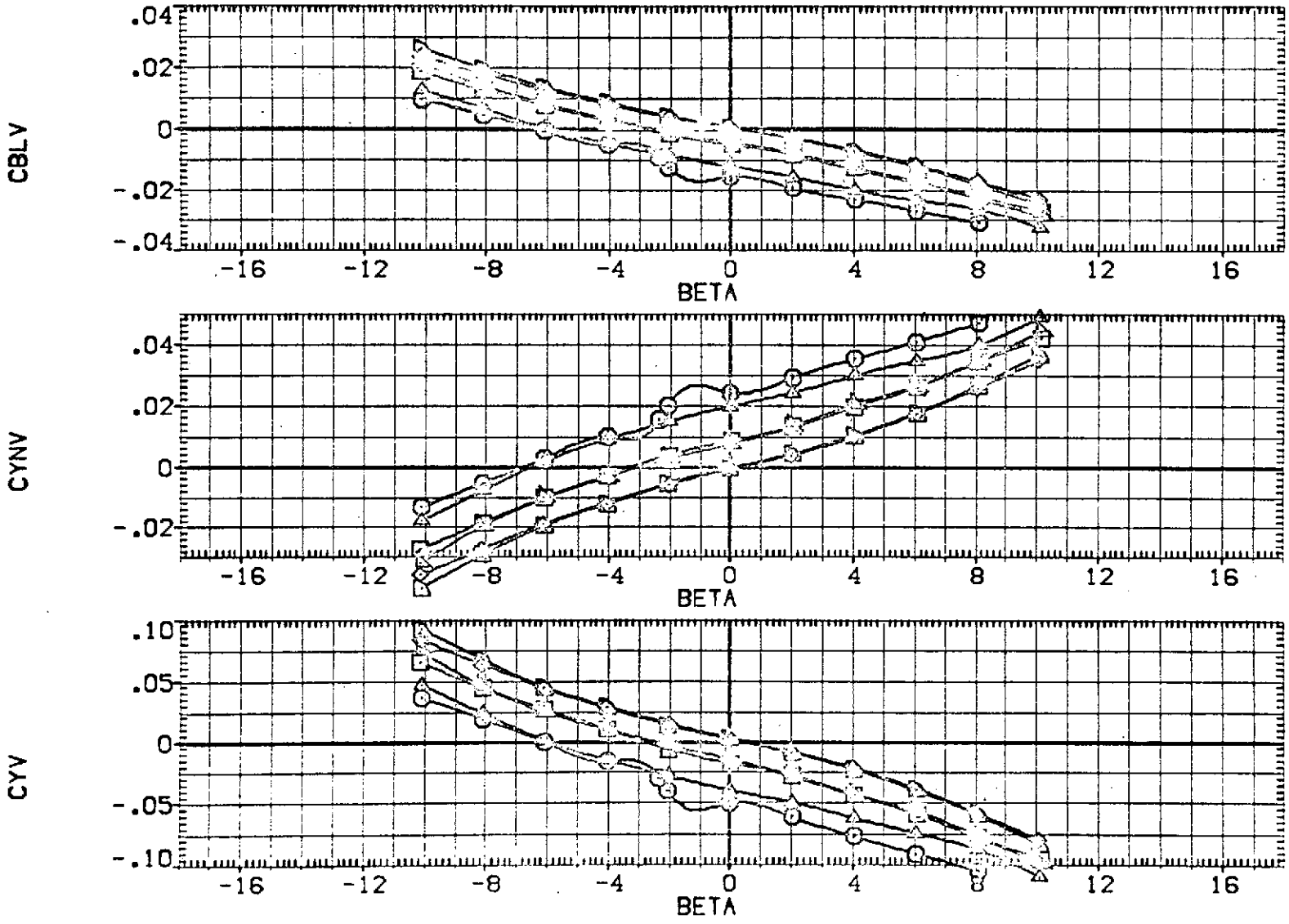


FIG 23 RUDDER EFFECTIVENESS, SPDBRK = 55 DEG., ALPHA = 15 AND 20 DEG.

(A)MACH = .26

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ALPHA	SPDBRK	RUDDER	BOFLAP	REFERENCE INFORMATION		
(AF2030)	○	0A37 B26 C9 F9 M7 W116 E37 V8 R5	15.000	55.000	-25.000	-11.700	SREF	2690.0000	SQ.FT.
(AF2034)	□	0A37 B26 C9 F9 M7 W116 E37 V8 R5	15.000	55.000	-10.000	-11.700	LREF	474.8000	INCHES
(AF2033)	◇	0A37 B26 C9 F9 M7 W116 E37 V8 R5	15.000	55.000	.000	-11.700	BREF	935.8000	INCHES
(AF2035)	△	0A37 B26 C9 F9 M7 W116 E37 V8 R5	20.000	55.000	-25.000	-11.700	XMRP	1076.7000	INCHES
(AF2036)	▷	0A37 B26 C9 F9 M7 W116 E37 V8 R5	20.000	55.000	-10.000	-11.700	YMRP	.0000	INCHES
(AF2031)	▽	0A37 B26 C9 F9 M7 W116 E37 V8 R5	20.000	55.000	.000	-11.700	ZMRP	375.0000	INCHES
							SCALE	.0300	

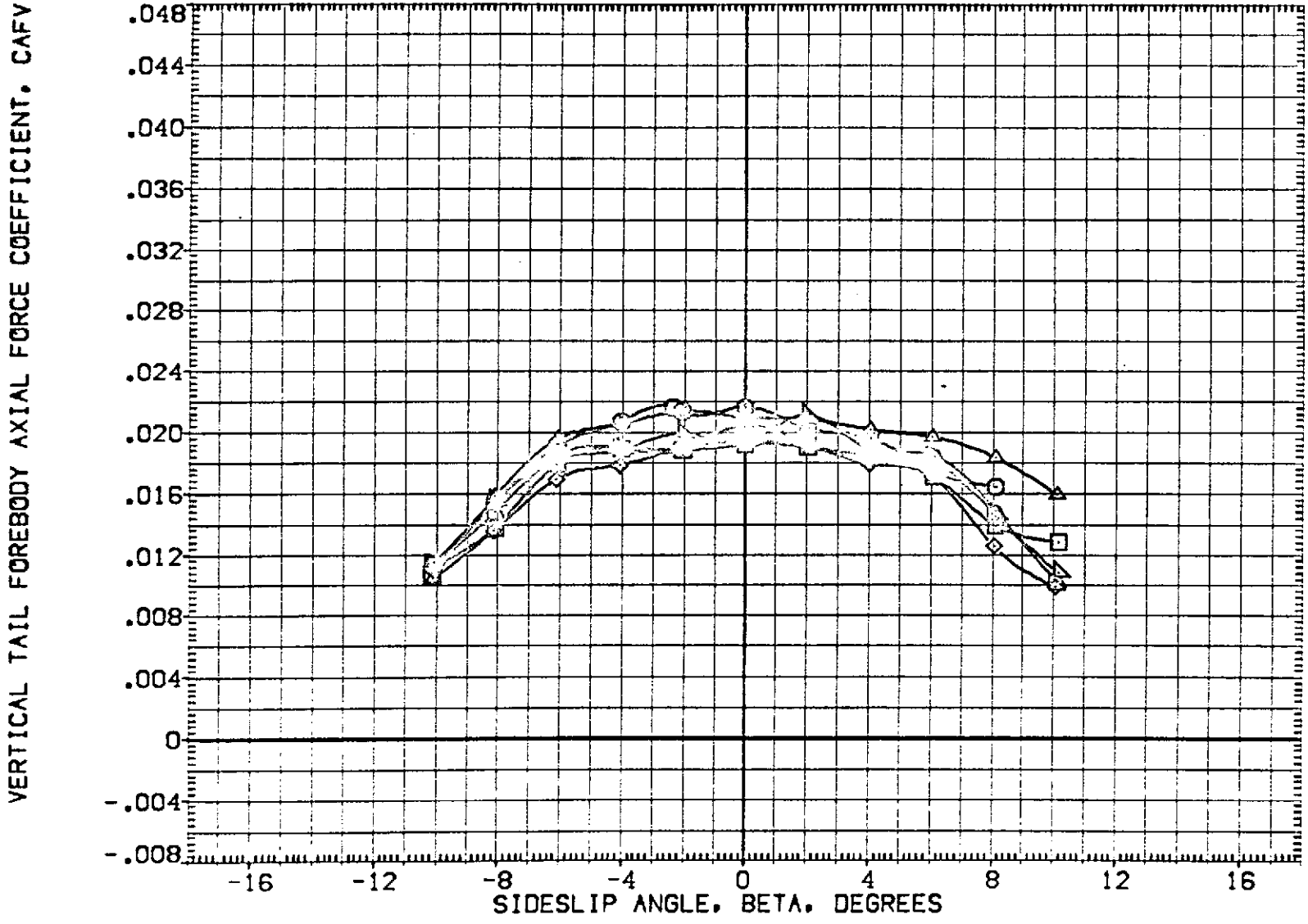


FIG 23 RUDDER EFFECTIVENESS, SPDBRK = 55 DEG., ALPHA = 15 AND 20 DEG.

(A)MACH = .26

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(BF2059)	○	GA37 B26 C9 F9 M7 V116 E37 V8 R5
(BF2054)	□	GA37 B26 C9 F9 M7 V116 E37 V8 R5
(BF2030)	◇	GA37 B26 C9 F9 M7 V116 E37 V8 R5
(BF2029)	△	GA37 B26 C9 F9 M7 V116 E37 V8 R5
(BF2055)	▷	GA37 B26 C9 F9 M7 V116 E37 V8 R5
(BF2031)	▽	GA37 B26 C9 F9 M7 V116 E37 V8 R5

ALPHA	SPDBRK	RUDDER	BOFLAP
15.000	55.000	-25.000	-11.700
15.000	55.000	-10.000	-11.700
15.000	55.000	.000	-11.700
20.000	55.000	-25.000	-11.700
20.000	55.000	-10.000	-11.700
20.000	55.000	.000	-11.700

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.8000	INCHES
BREF	925.8000	INCHES
XMRP	1076.7000	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0500	

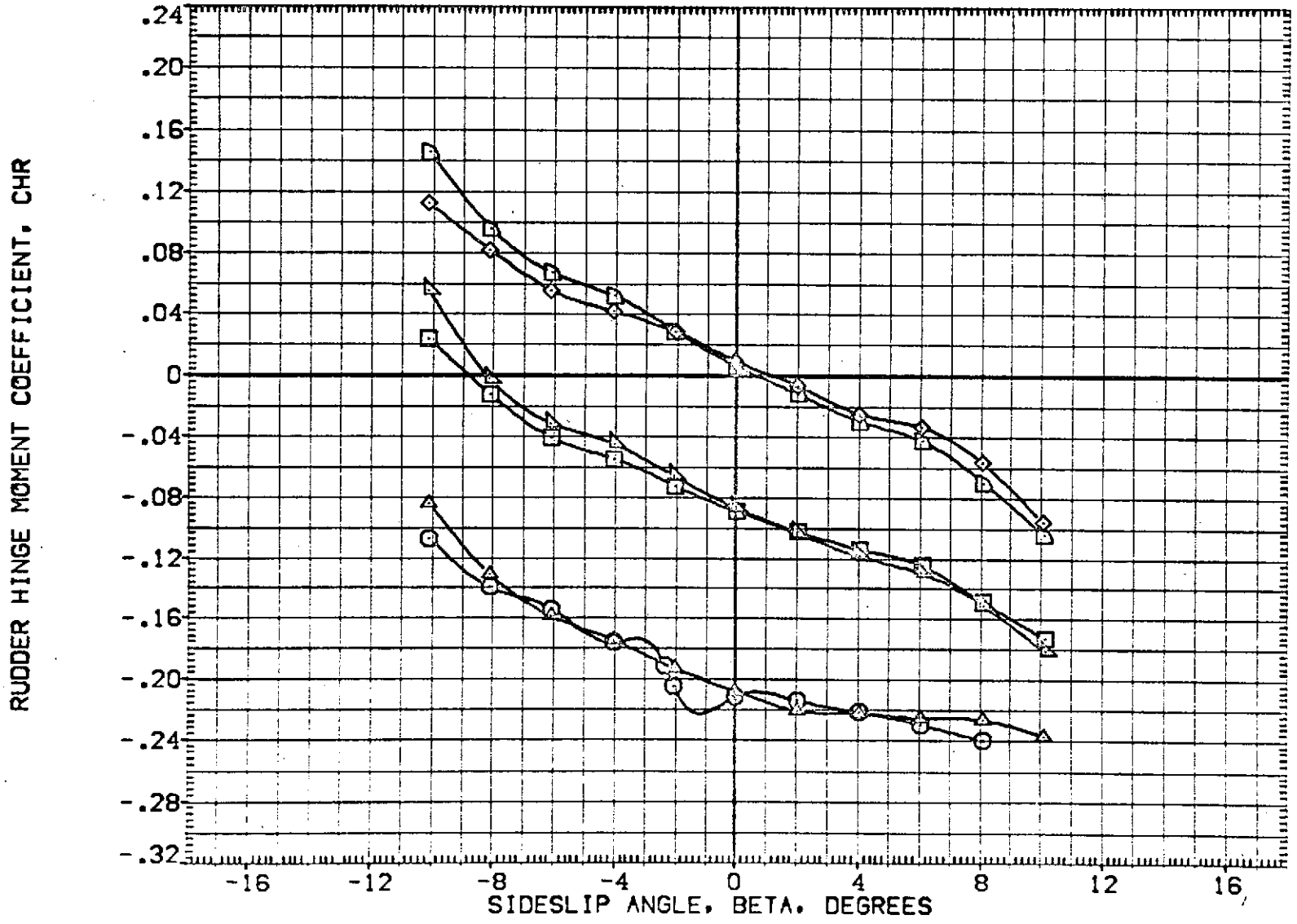


FIG 23 RUDDER EFFECTIVENESS, SPDBRK = 55 DEG., ALPHA = 15 AND 20 DEG.

(A)MACH = .26

SYMBOL	ALPHA		PARAMETRIC VALUES		
○	.000	MACH	.200	BETA	-10.000
□	10.000	BOFLAP	-11.700	ELEVON	.000
◇	15.000	AILRON	.000	SPOSRK	55.000
△	20.000				

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
LREF	474.0300	INCHES
BREF	920.0300	INCHES
XMRP	1076.7000	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0300	

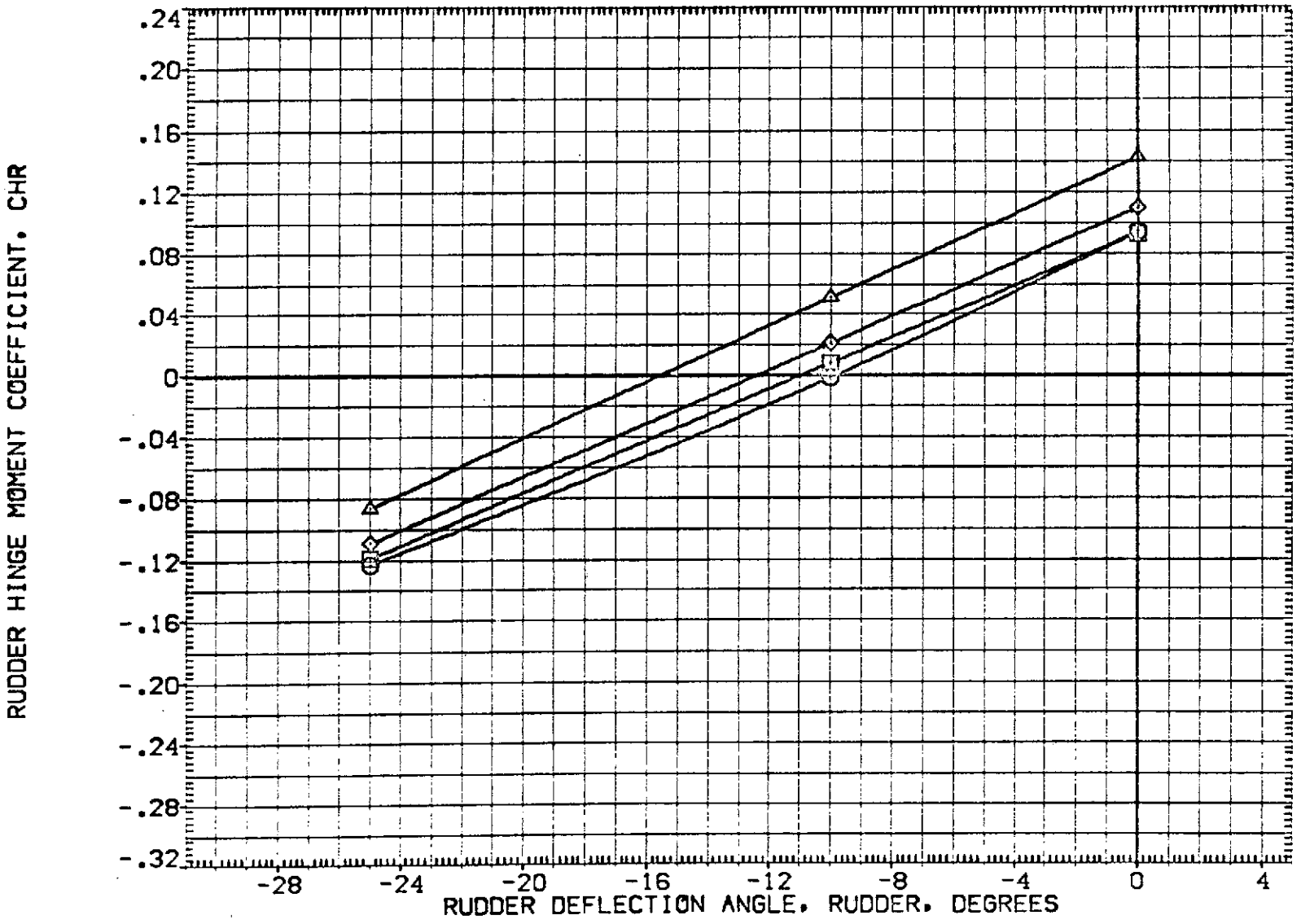


FIG 24 RUDDER EFFECTIVENESS,DERIVATIVES, SPDBRK = 55 DEG.

0A37 B26 C9 F9 M7 W116 E37 V8 R5 (EF2056)

SYMBOL	ALPHA		PARAMETRIC VALUES		
○	.000	MACH	.260	BETA	-0.000
□	10.000	BDFLAP	-11.700	ELEVON	.000
◇	15.000	AILRON	.000	SPDBRK	55.000
△	20.000				

REFERENCE INFORMATION		
SREF	2090.0000	SQ.FT.
LREF	474.0000	INCHES
BREF	930.0000	INCHES
XMRP	1076.7000	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0300	

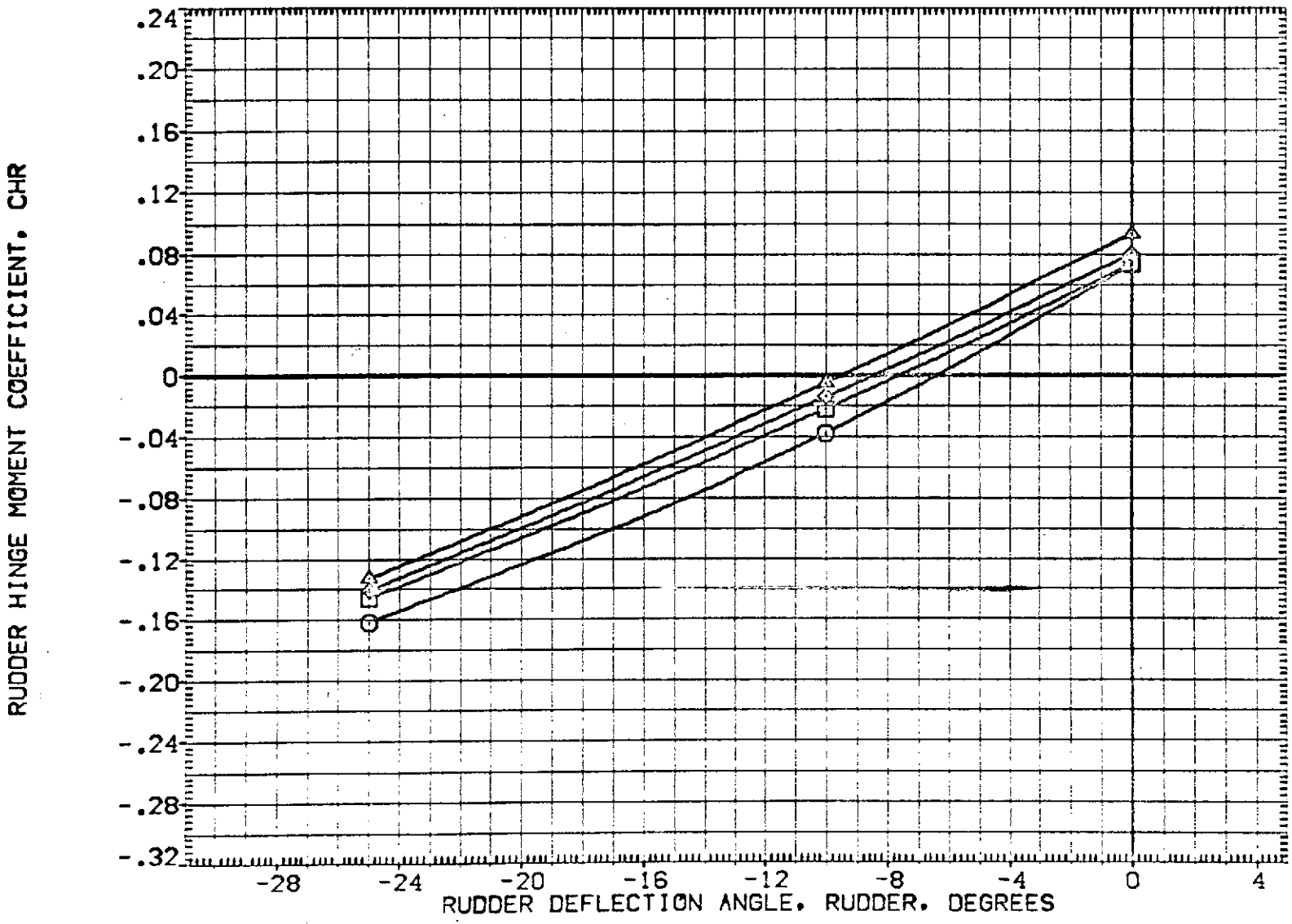


FIG 24 RUDDER EFFECTIVENESS,DERIVATIVES, SPDBRK = 55 DEG.

0A37 B26 C9 F9 M7 W116 E37 V8 R5 (EF2056)

SYMBOL	ALPHA
○	.000
□	10.000
◇	15.000
△	20.000

PARAMETRIC VALUES

MACH	.200	BETA	-6.000
BOFLAP	-11.700	ELEVON	.000
AILRON	.000	SPDBRK	55.000

REFERENCE INFORMATION

SREF	2800.0000	SQ.FT.
LREF	474.0000	INCHES
BREF	930.0000	INCHES
XMRP	1076.7000	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0300	

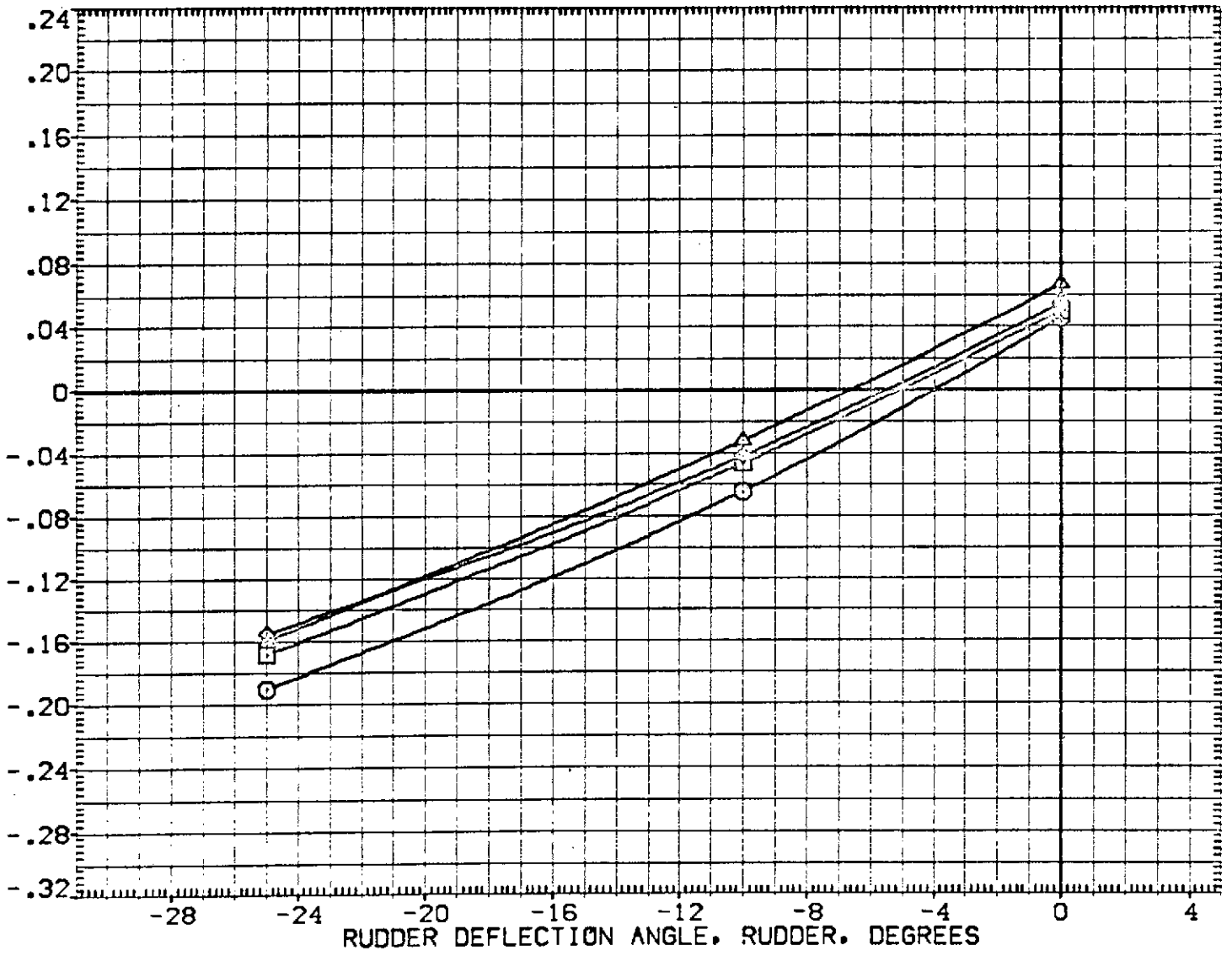


FIG 24 RUDDER EFFECTIVENESS,DERIVATIVES, SPDBRK = 55 DEG.

0A37 B26 C9 F9 M7 W116 E37 V8 R5 (EF2056)

SYMBOL	ALPHA		PARAMETRIC VALUES		
○	.000	MACH	.200	BETA	-4.000
□	10.000	BDFLAP	-11.700	ELEVON	.000
◇	15.000	AILRON	.000	SPDBRK	55.000
△	20.000				

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
LREF	474.0000	INCHES
BREF	930.0000	INCHES
XMRP	1078.7000	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0300	

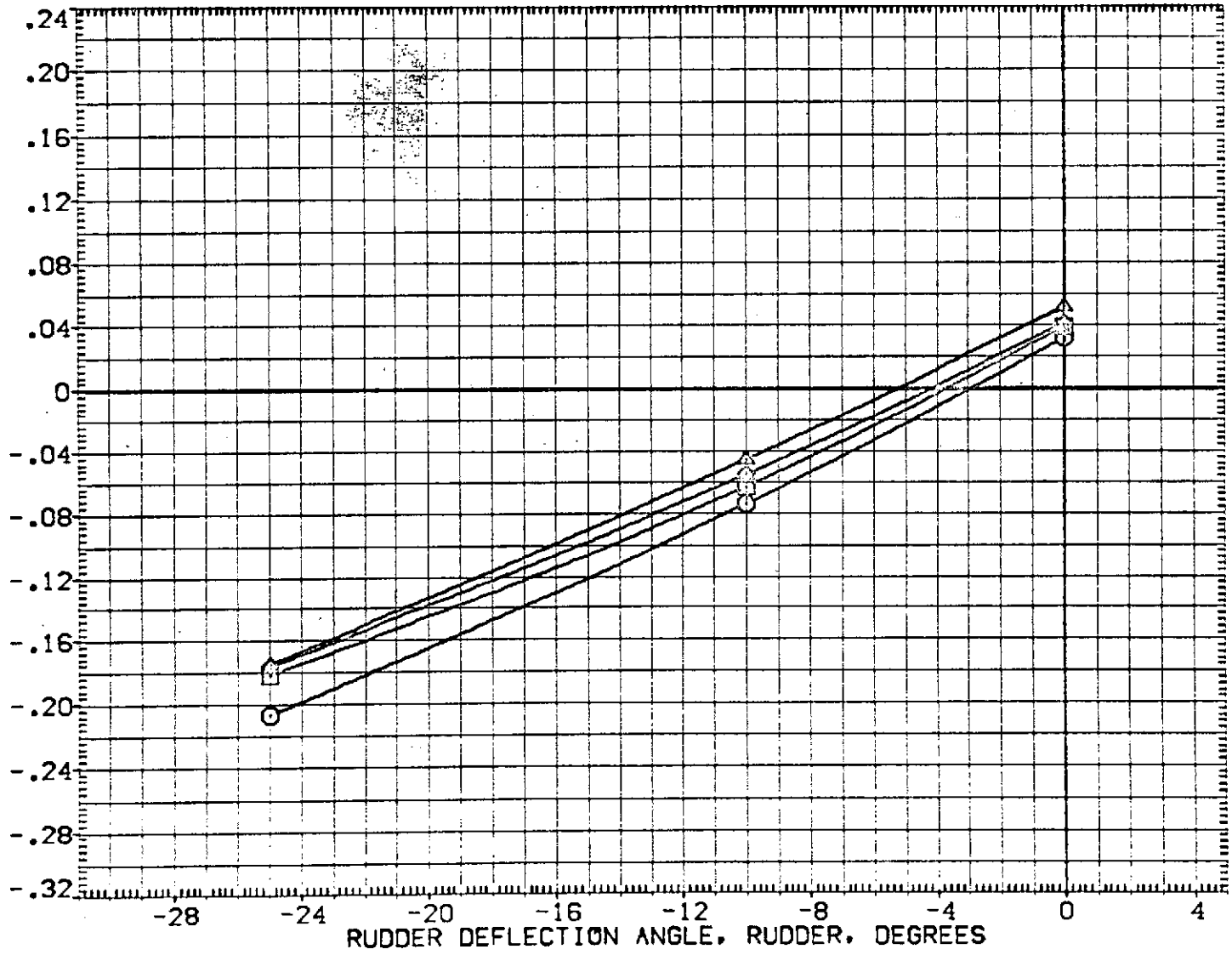


FIG 24 RUDDER EFFECTIVENESS,DERIVATIVES, SPDBRK = 55 DEG.

0A37 B26 C9 F9 M7 W116 E37 V8 R5 (EF2056)

SYMBOL	ALPHA		PARAMETRIC VALUES		
○	.000	MACH	.200	BETA	-2.000
□	10.000	BDFLAP	-11.700	ELEVON	.000
◇	15.000	AILRON	.000	SPDBRK	55.000
△	20.000				

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
LREF	474.2000	INCHES
BREF	936.0000	INCHES
XMRP	1076.7000	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0300	

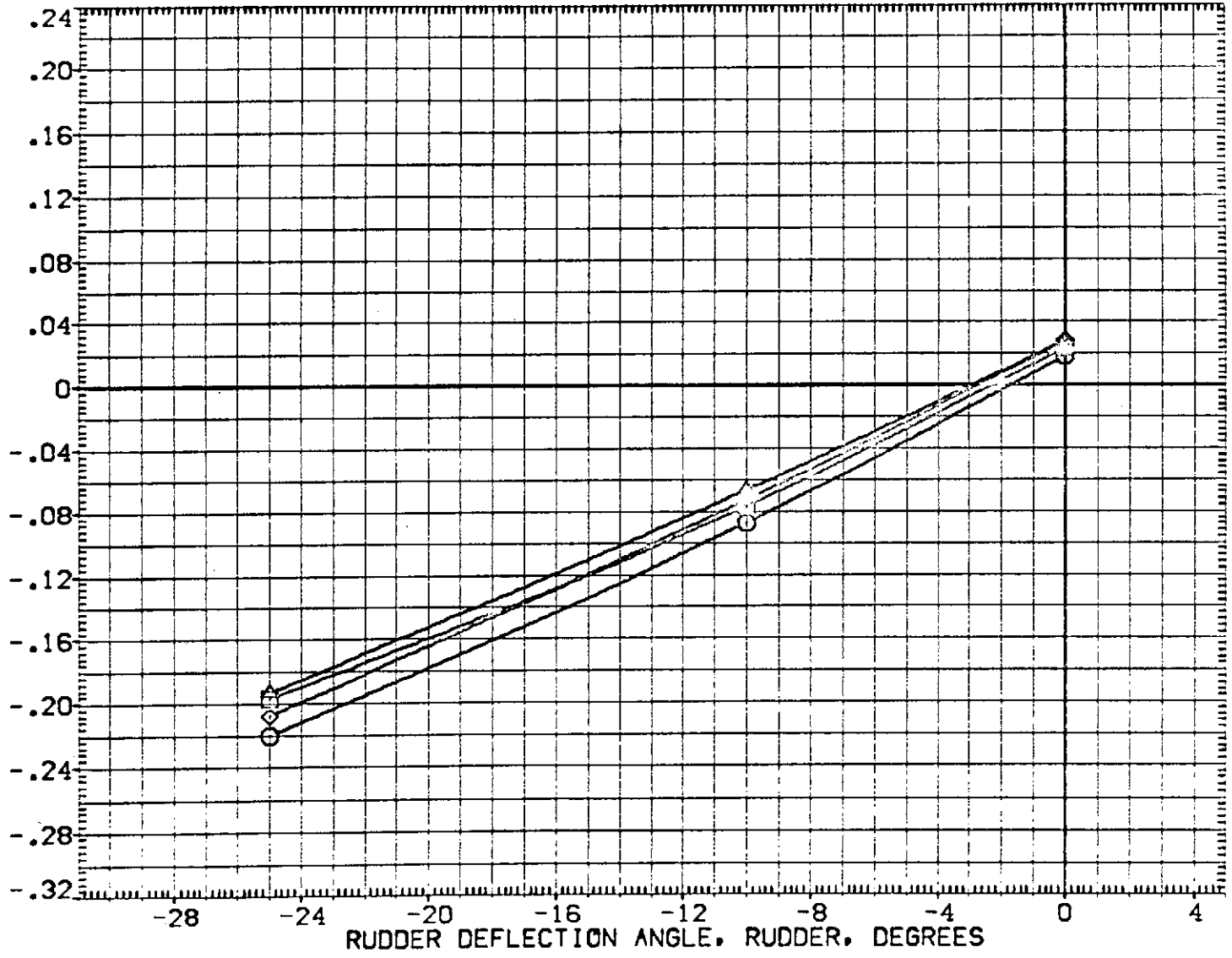


FIG 24 RUDDER EFFECTIVENESS,DERIVATIVES, SPDBRK = 55 DEG.

0A37 B26 C9 F9 M7 W116 E37 V8 R5 (EF2056)

SYMBOL	ALPHA		PARAMETRIC VALUES		
○	.000	MACH	.260	BETA	.000
□	10.000	BDFLAP	-11.700	ELEVON	.000
◇	15.000	AILRON	.000	SPDBRK	55.000
△	20.000				

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
LREF	474.8000	INCHES
BREF	935.8000	INCHES
XMRP	1076.7000	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0300	

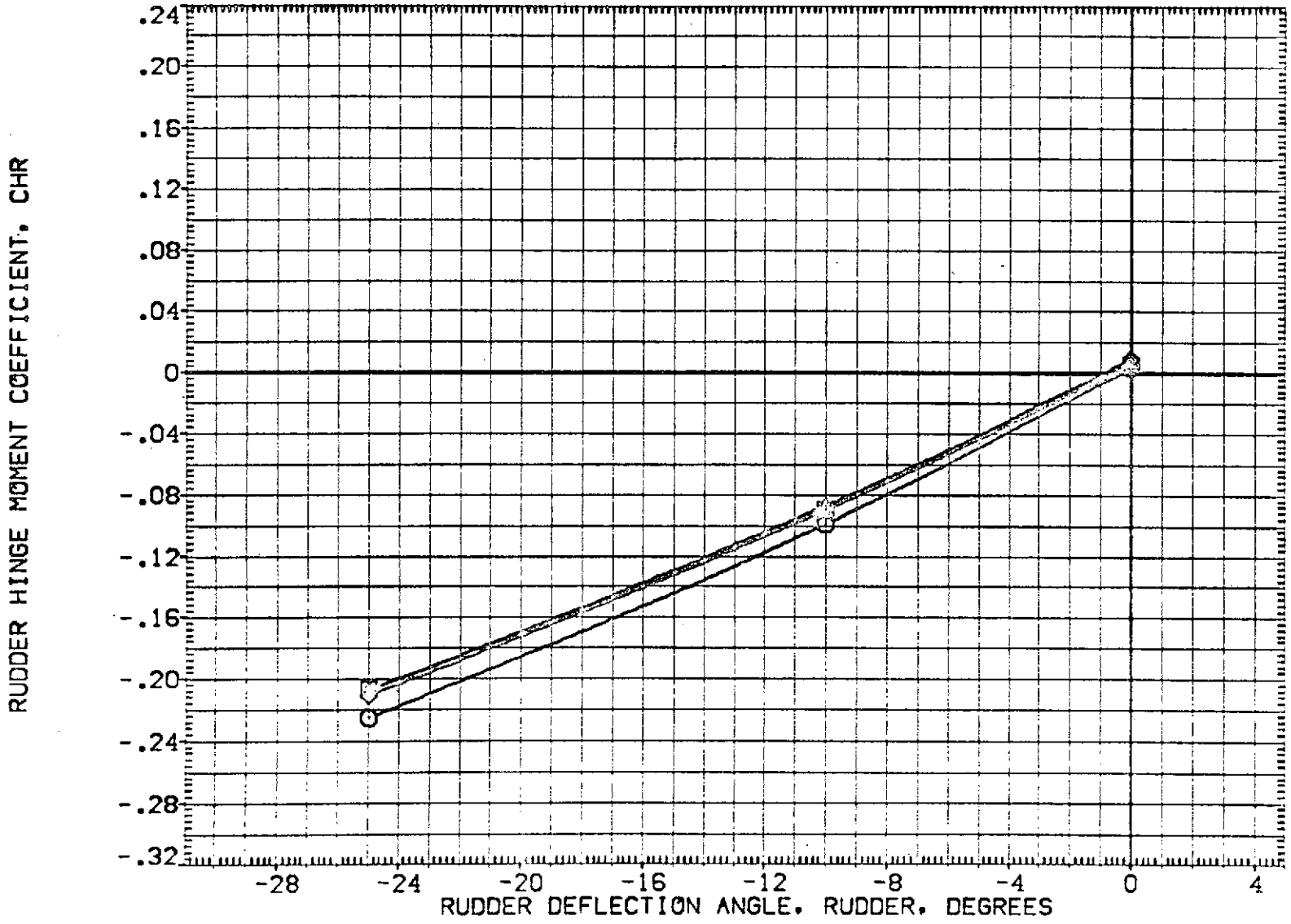


FIG 24 RUDDER EFFECTIVENESS,DERIVATIVES, SPDBRK = 55 DEG.

0A37 B26 C9 F9 M7 W116 E37 V8 R5 (EF2056)

SYMBOL	ALPHA		PARAMETRIC VALUES		
○	.000	MACH	.260	BETA	2.000
□	10.000	BDFLAP	-11.700	ELEVON	.000
◇	15.000	AILRON	.000	SPDBRK	55.000
△	20.000				

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.8000	INCHES
BREF	935.0000	INCHES
XMRP	1076.7000	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0000	

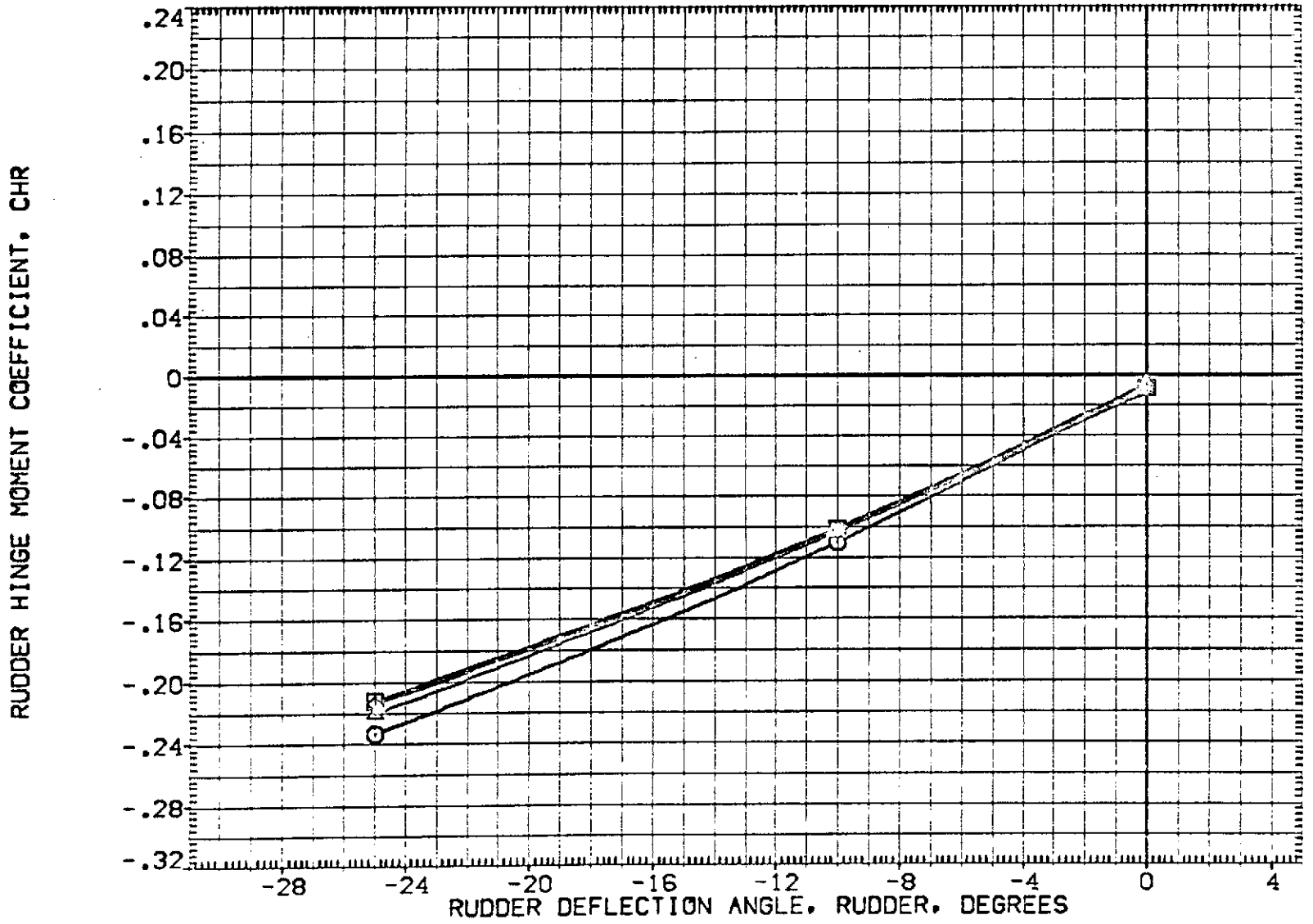


FIG 24 RUDDER EFFECTIVENESS,DERIVATIVES, SPDBRK = 55 DEG.

0A37 B26 C9 F9 M7 W116 E37 V8 R5 (EF2056)

SYMBOL	ALPHA	PARAMETRIC VALUES			
○	.000	MACH	.250	BETA	4.000
□	10.000	BDFLAP	-11.700	ELEVON	.000
◇	15.000	AILRON	.000	SPDBRK	55.000
△	20.000				

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.0000	INCHES
BREF	933.0000	INCHES
XMRP	1076.7000	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0300	

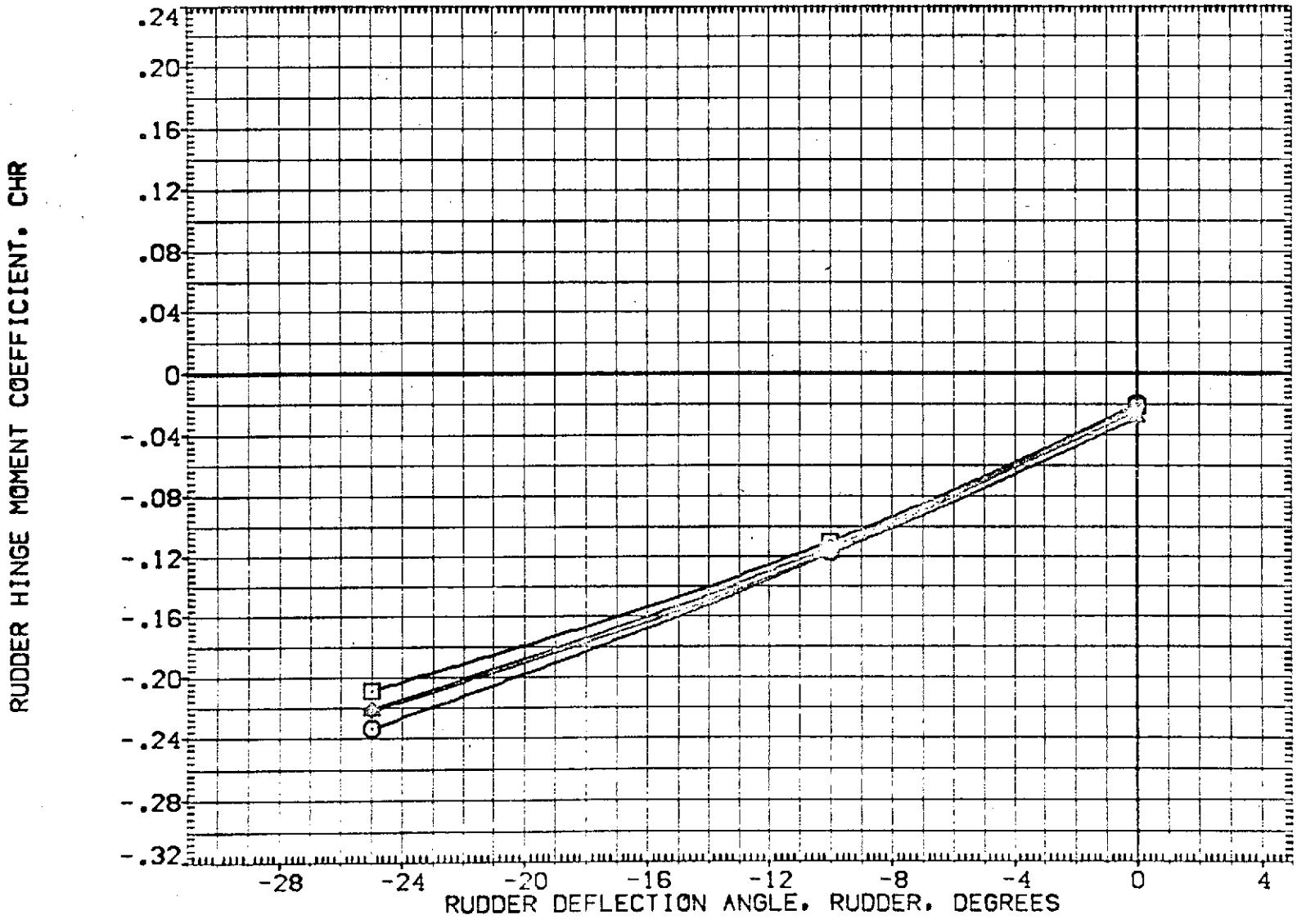


FIG 24 RUDDER EFFECTIVENESS,DERIVATIVES, SPDBRK = 55 DEG.

0A37 B26 C9 F9 M7 W116 E37 V8 R5 (EF2056)

SYMBOL	ALPHA		PARAMETRIC VALUES		
○	.000	MACH	.250	BETA	6.000
□	10.000	BDFLAP	-11.700	ELEVON	.000
◇	15.000	AILRON	.000	SPDBRK	55.000
△	20.000				

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.0000	INCHES
BREF	938.0000	INCHES
XMRP	1078.7500	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0300	

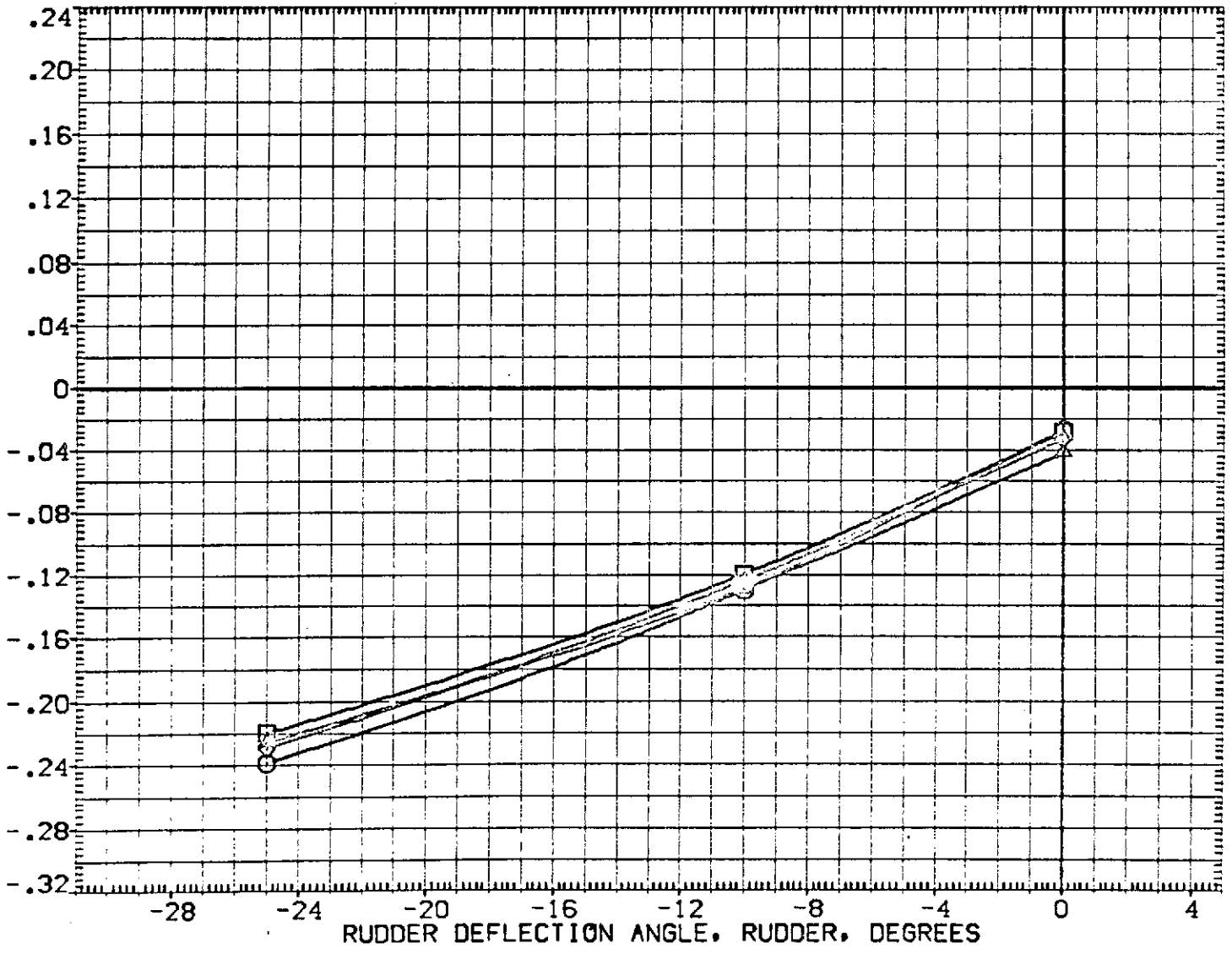


FIG 24 RUDDER EFFECTIVENESS,DERIVATIVES, SPDBRK = 55 DEG.

0A37 B26 C9 F9 M7 W116 E37 V8 R5 (EF2056)

SYMBOL	ALPHA		PARAMETRIC VALUES		
○	.000	MACH	.200	BETA	0.000
□	10.000	BOFLAP	-11.700	ELEVON	.000
◇	15.000	AILRON	.000	SPOILR	55.000
△	20.000				

REFERENCE INFORMATION		
SREF	2000.0000	SQ.FT.
LREF	474.0000	INCHES
BREF	500.0000	INCHES
XMRP	1070.7000	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0000	

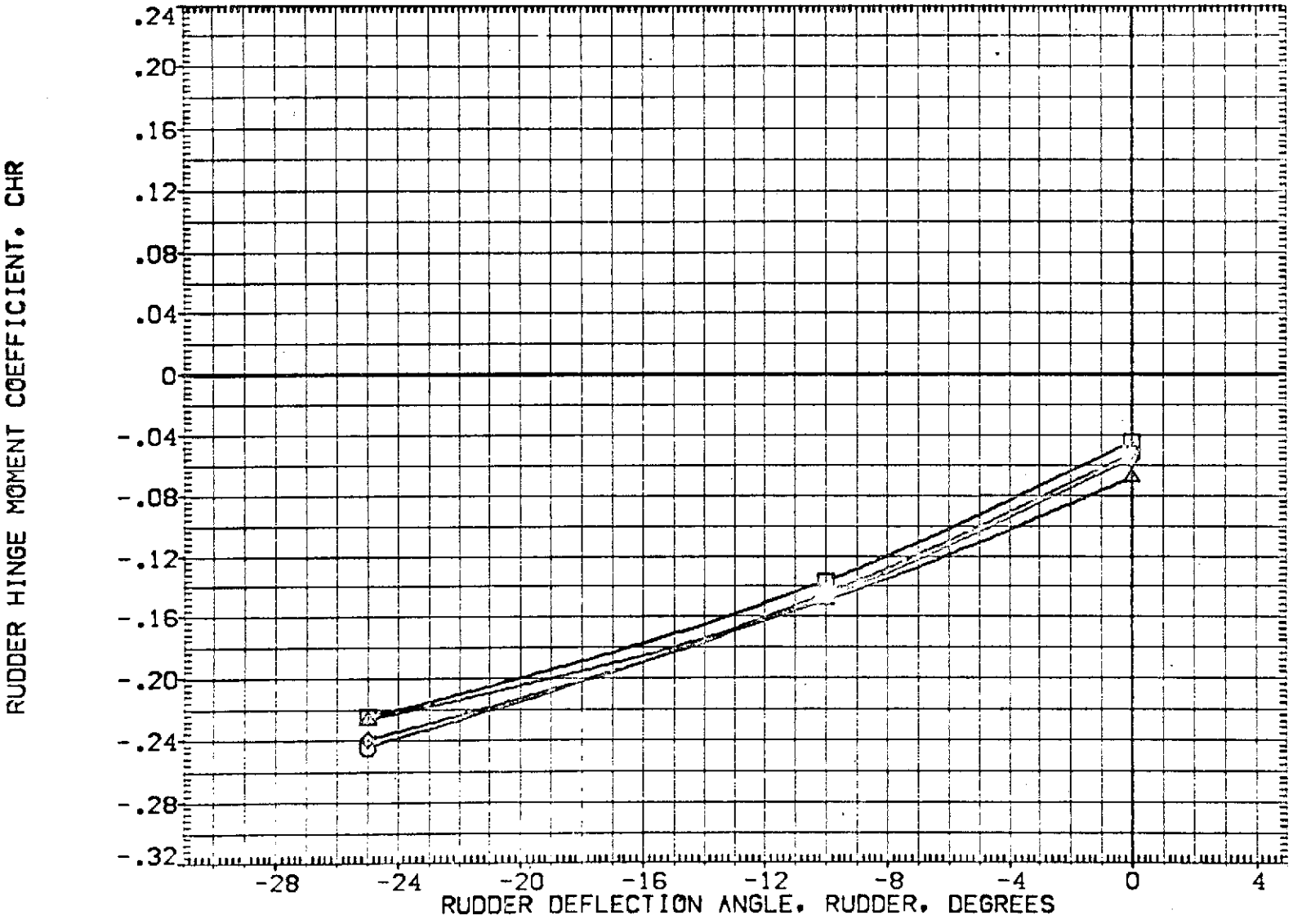


FIG 24 RUDDER EFFECTIVENESS,DERIVATIVES, SPDBRK = 55 DEG.

0A37 B26 C9 F9 M7 W116 E37 V8 R5 (EF2056)

SYMBOL	ALPHA		PARAMETRIC VALUES		
○	.000	MACH	.260	BETA	10.000
□	10.000	BOFLAP	-11.700	ELEVON	.000
◇	15.000	AILRON	.000	SPDBRK	55.000
△	20.000				

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
LREF	474.0000	INCHES
BREF	905.0000	INCHES
XMRP	1076.7000	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0300	

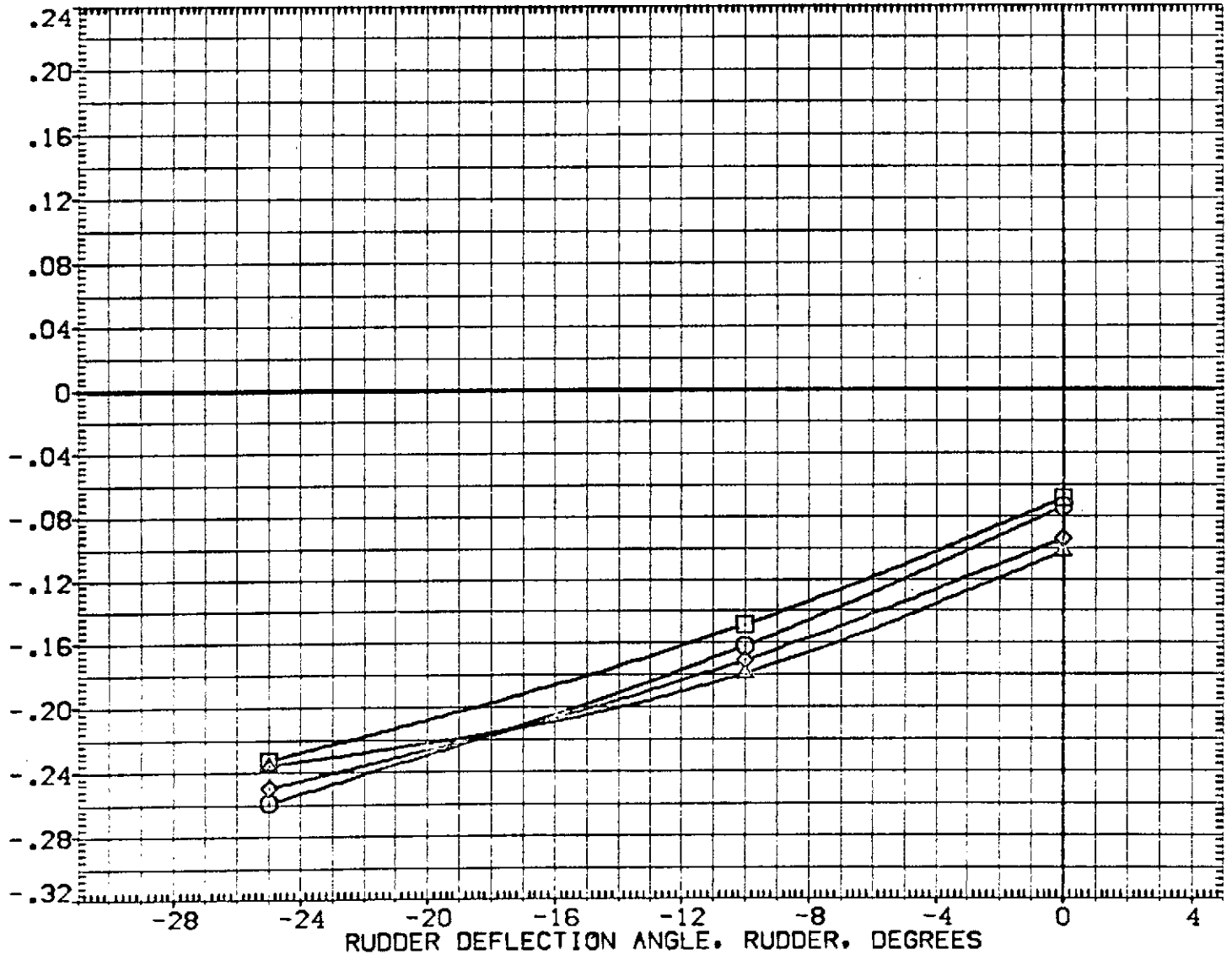


FIG 24 RUDDER EFFECTIVENESS, DERIVATIVES, SPDBRK = 55 DEG.

SYMBOL	DRUDER		PARAMETRIC VALUES		
○	-25.000	MACH	.200	BETA	-10.000
□	-10.000	ELEVON	.000	AILRON	.000
◇	.000	BOFLAP	-11.700	SPDBRK	55.000

REFERENCE INFORMATION		
SREF	2290.0000	SQ.FT.
LREF	474.0000	INCHES
BREF	993.0000	INCHES
XMRP	1070.7000	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0300	

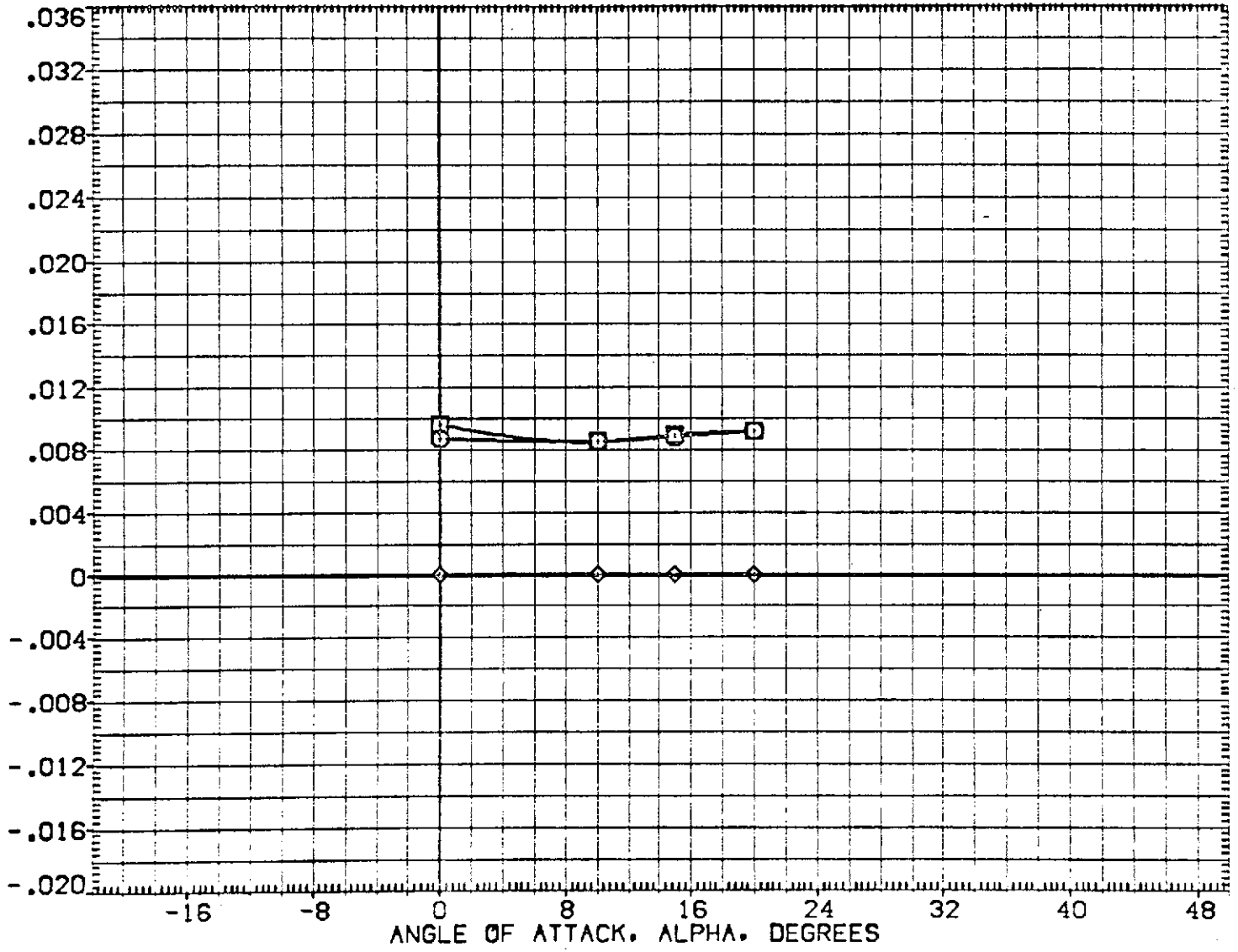


FIG 24 RUDDER EFFECTIVENESS,DERIVATIVES, SPDBRK = 55 DEG.

SYMBOL	DRUDER		PARAMETRIC VALUES		
○	-25.000	MACH	.200	BETA	-0.000
□	-10.000	ELEVON	.000	AILRON	.000
◇	.000	SDFLAP	-11.700	SPDBRK	55.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.6000	INCHES
BREF	933.0000	INCHES
XMRP	1076.7000	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0300	

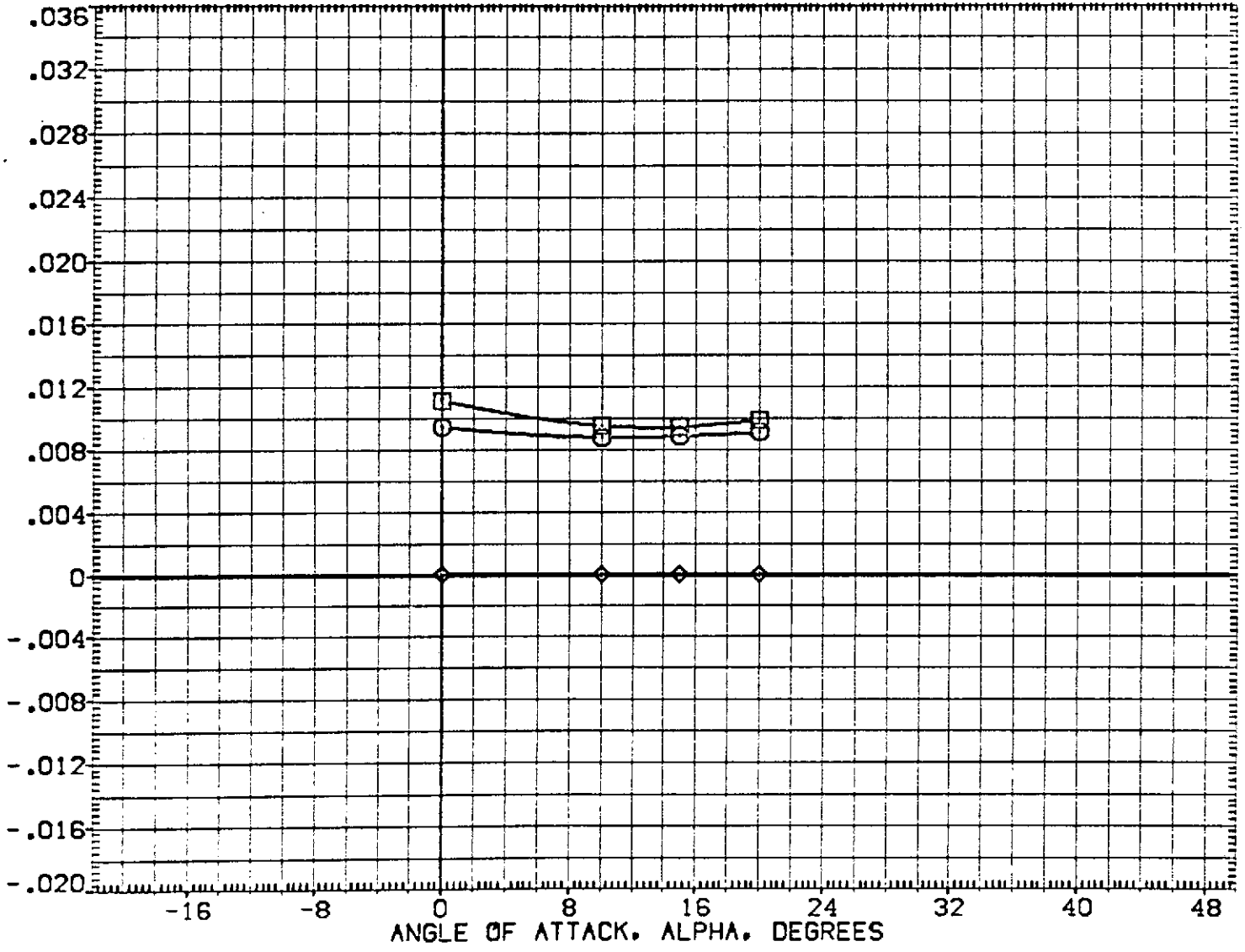


FIG 24 RUDDER EFFECTIVENESS,DERIVATIVES, SPDBRK = 55 DEG.

0A37 B26 C9 F9 M7 W116 E37 V8 R5 (MF2056)

SYMBOL	DRUDER		PARAMETRIC VALUES		
○	-25.000	MACH	.200	BETA	-6.000
□	-10.000	ELEVON	.000	AILRON	.000
◇	.000	BOFLAP	-11.700	SPDBRK	55.000

REFERENCE INFORMATION

SREF	2000.0000	SQ.FT.
LREF	474.0000	INCHES
BREF	900.0000	INCHES
XMRP	1070.7000	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0300	

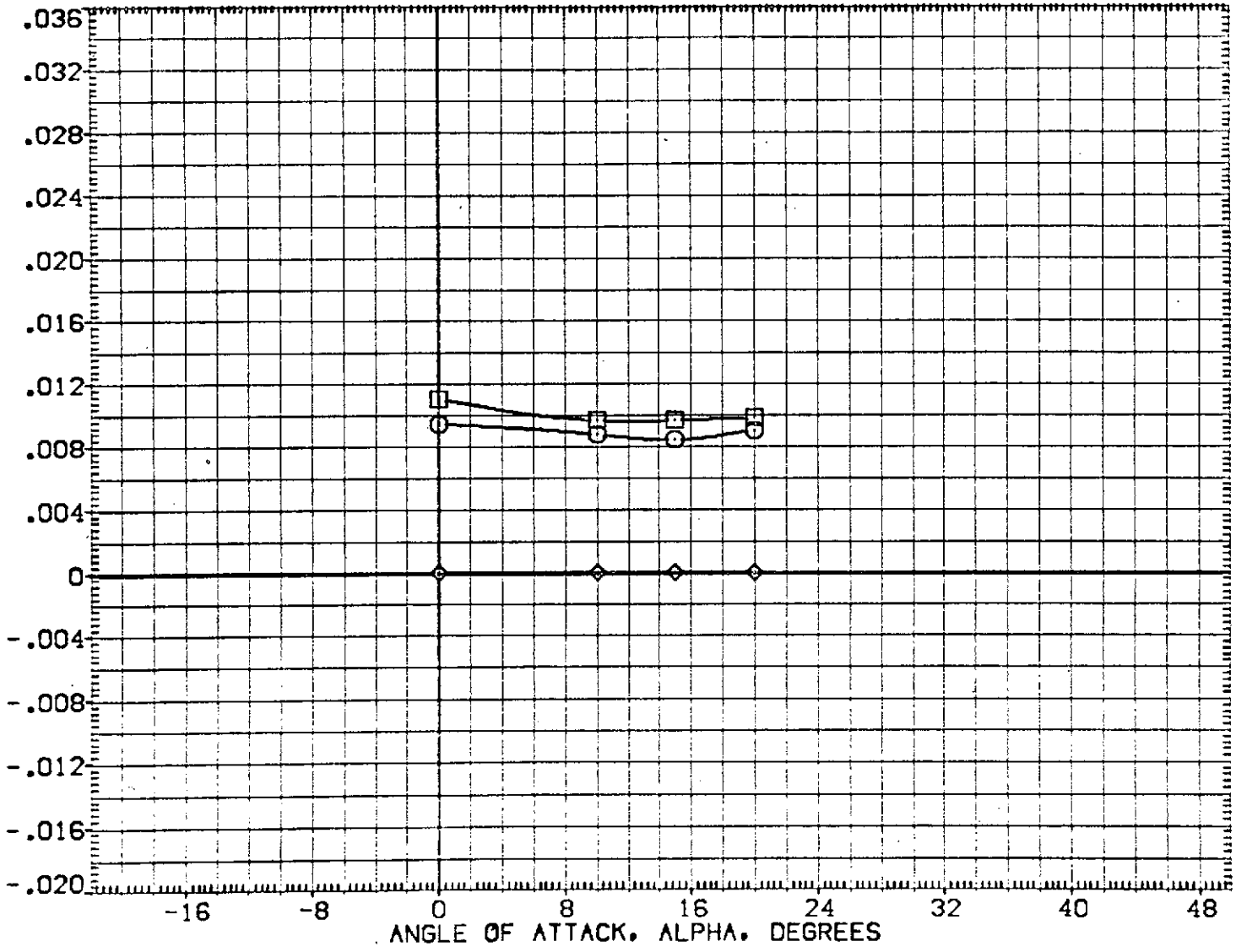


FIG 24 RUDDER EFFECTIVENESS,DERIVATIVES, SPDBRK = 55 DEG.

SYMBOL	DRUDER		PARAMETRIC VALUES		
○	-25.000	MACH	.250	BETA	-4.000
□	-10.000	ELEVON	.000	AILRON	.000
◇	.000	BDFLAP	-11.700	SPDBRK	55.000

REFERENCE INFORMATION		
SREF	2650.0000	SQ.FT.
LREF	474.5000	INCHES
BREF	936.0000	INCHES
XMRP	1076.7000	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0300	

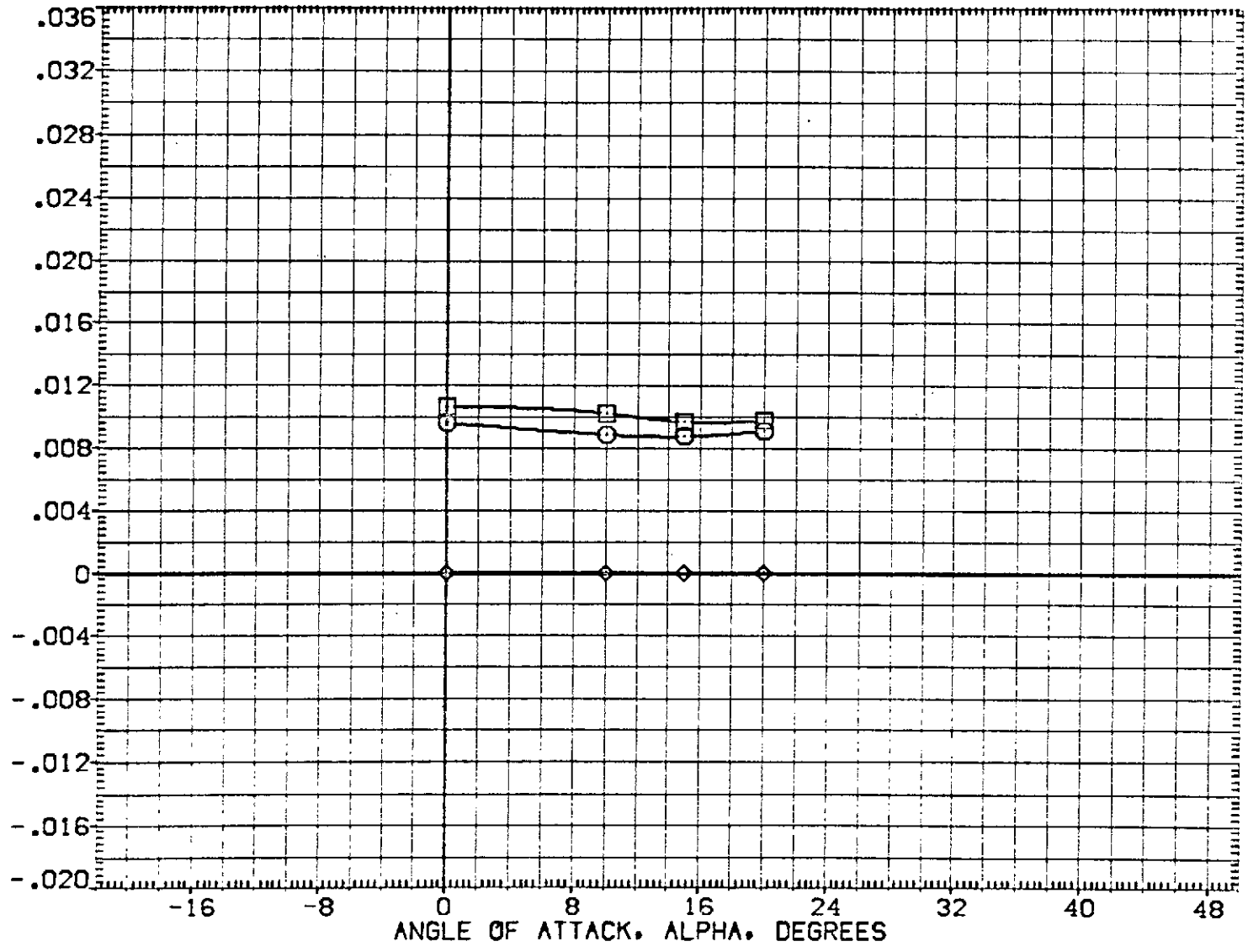


FIG 24 RUDDER EFFECTIVENESS,DERIVATIVES, SPDBRK = 55 DEG.

0A37 B26 C9 F9 M7 W116 E37 V8 R5 (MF2056)

SYMBOL	DRUDER		PARAMETRIC VALUES		
○	-25.000	MACH	.260	BETA	-2.000
□	-10.000	ELEVON	.000	AILRON	.000
◇	.000	EDFLAP	-11.700	SPDBRK	55.000

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
LREF	474.9300	INCHES
BREF	936.6000	INCHES
XMRP	1076.7000	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0300	

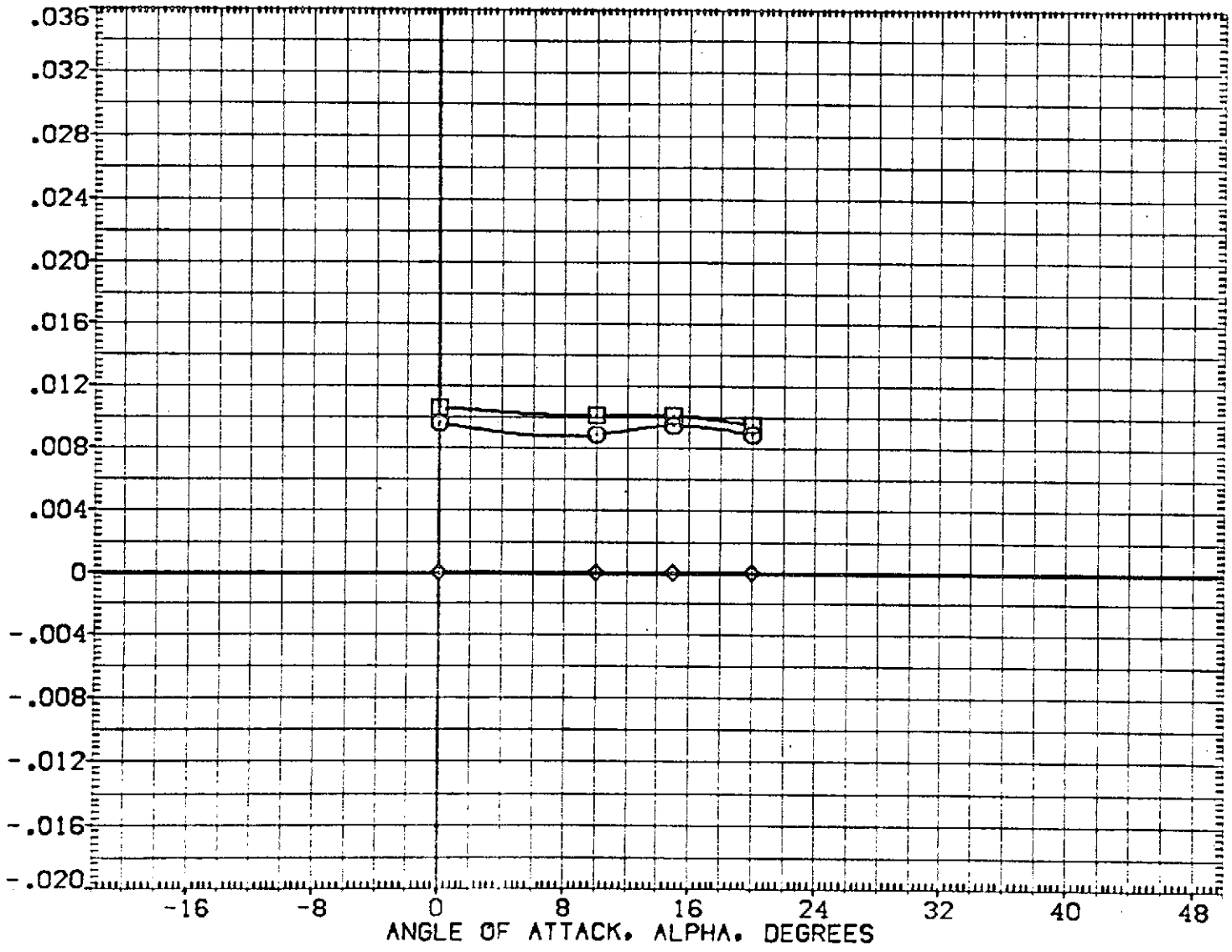


FIG 24 RUDDER EFFECTIVENESS, DERIVATIVES, SPDBRK = 55 DEG.

0A37 B26 C9 F9 M7 W116 E37 V8 R5 (MF2056)

SYMBOL	RUDDER	PARAMETRIC VALUES			
○	-25.000	MACH	.250	BETA	.000
□	-10.000	ELEVON	.000	AILRON	.000
◇	.000	BOFLAP	-11.700	SPDBRK	55.000

REFERENCE INFORMATION		
SREF	2600.0000	SQ.FT.
LREF	474.0000	INCHES
BREF	936.0000	INCHES
XMRP	1078.7000	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0300	

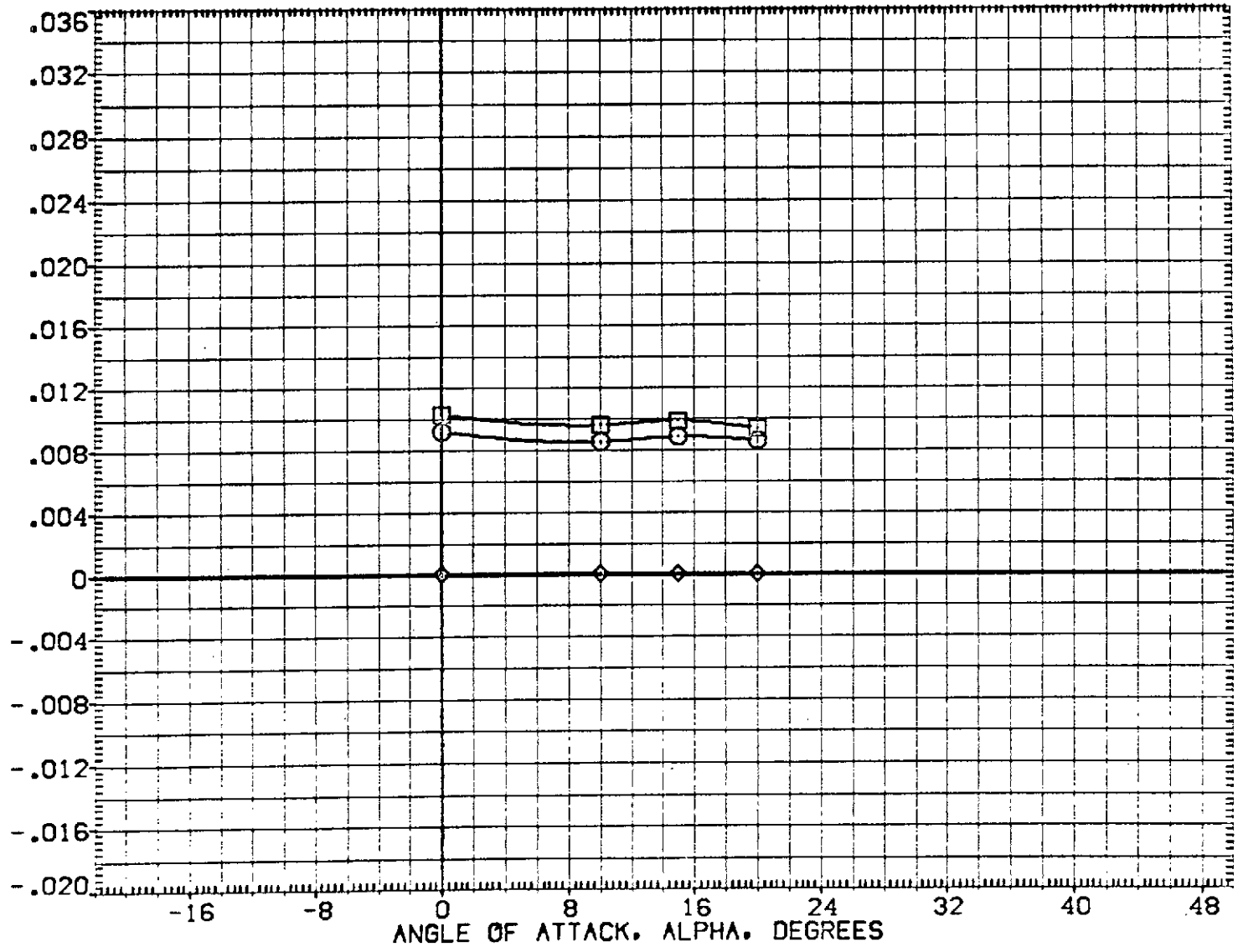


FIG 24 RUDDER EFFECTIVENESS,DERIVATIVES, SPDBRK = 55 DEG.

0A37 B26 C9 F9 M7 W116 E37 V8 R5 (MF2056)

SYMBOL	DRUDER		PARAMETRIC VALUES		
○	-25.000	MACH	.260	BETA	2.000
□	-10.000	ELEVON	.000	AILRON	.000
◇	.000	BDFLAP	-11.700	SPDBRK	55.000

REFERENCE INFORMATION		
SREF	2090.0000	SQ.FT.
LREF	474.6000	INCHES
BREF	909.6000	INCHES
XMRP	1078.7000	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0500	

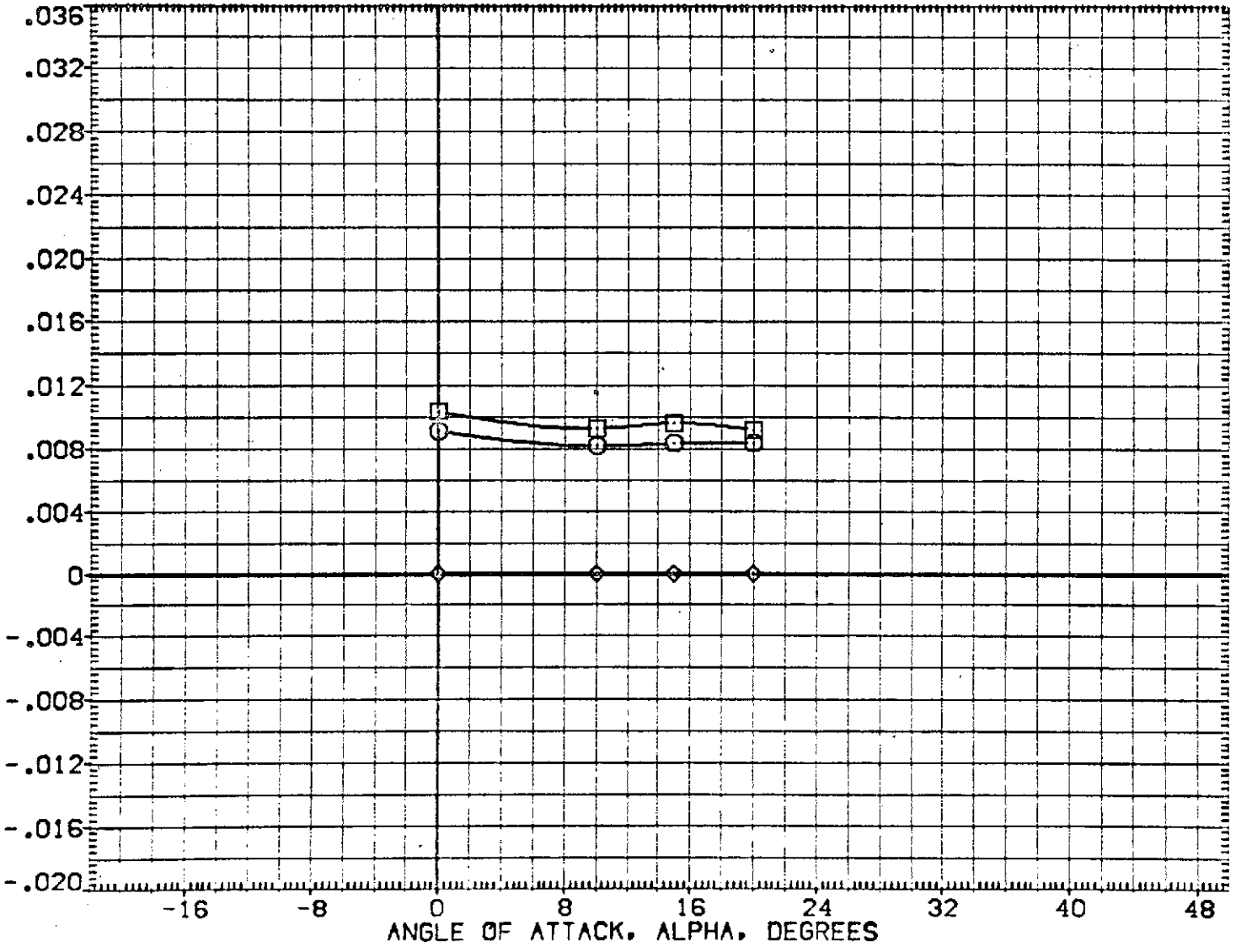


FIG 24 RUDDER EFFECTIVENESS,DERIVATIVES, SPDBRK = 55 DEG.

SYMBOL	DRUDER	PARAMETRIC VALUES			
○	-25.000	MACH	.200	BETA	4.000
□	-10.000	ELEVON	.000	AILRON	.000
◇	.000	BDFLAP	-11.700	SPDBRK	55.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.6000	INCHES
BREF	936.8000	INCHES
XMRP	1076.7000	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0300	

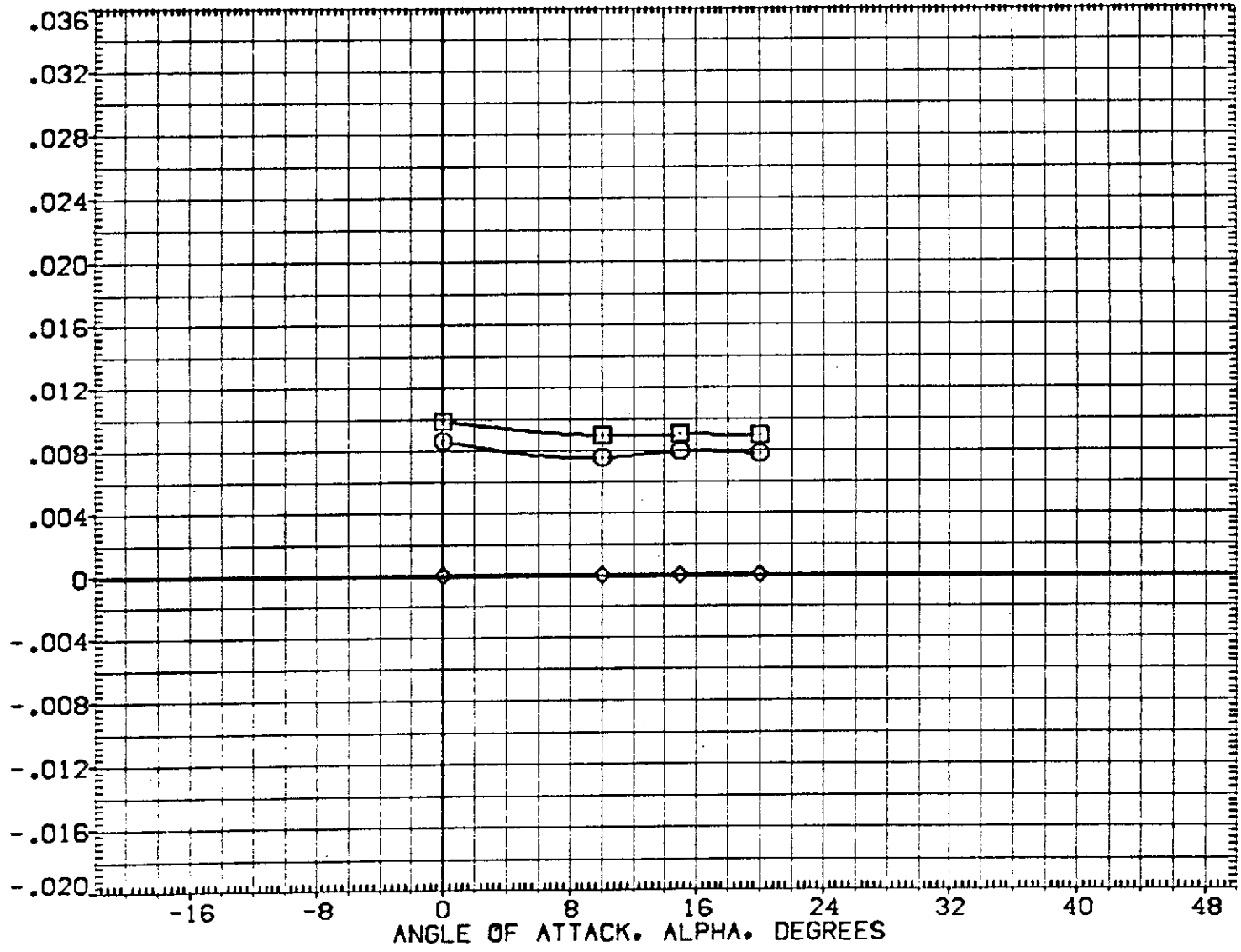


FIG 24 RUDDER EFFECTIVENESS.DERIVATIVES. SPDBRK = 55 DEG.

0A37 B26 C9 F9 M7 W116 E37 V8 R5 (MF2056)

SYMBOL	DRUDER		PARAMETRIC VALUES		
○	-25.000	MACH	.260	BETA	6.000
□	-10.000	ELEVON	.000	AILRON	.000
◇	.000	BDFLAP	-11.700	SPDBRK	55.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.0000	INCHES
BREF	935.0000	INCHES
XMRP	1076.7000	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0300	

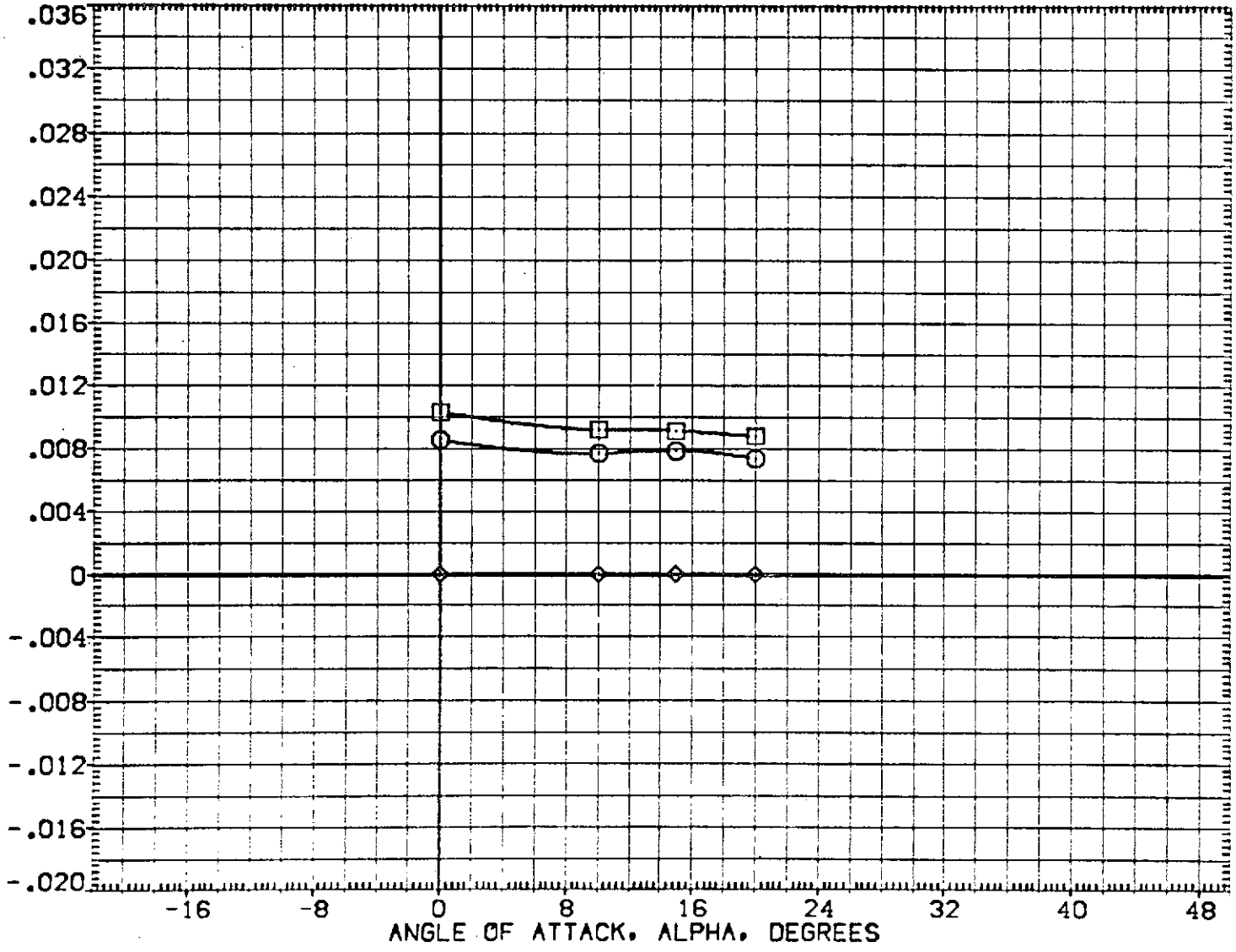


FIG 24 RUDDER EFFECTIVENESS, DERIVATIVES, SPDBRK = 55 DEG.

0A37 B26 C9 F9 M7 W116 E37 V8 R5 (MF2056)

SYMBOL	DRUDER	PARAMETRIC VALUES			
○	-25.000	MACH	.250	BETA	0.000
□	-10.000	ELEVON	.000	AILRON	.000
◇	.000	BDFLAP	-11.700	SPDBRK	55.000

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
LREF	474.0000	INCHES
BREF	935.0700	INCHES
XMRP	1076.7000	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0300	

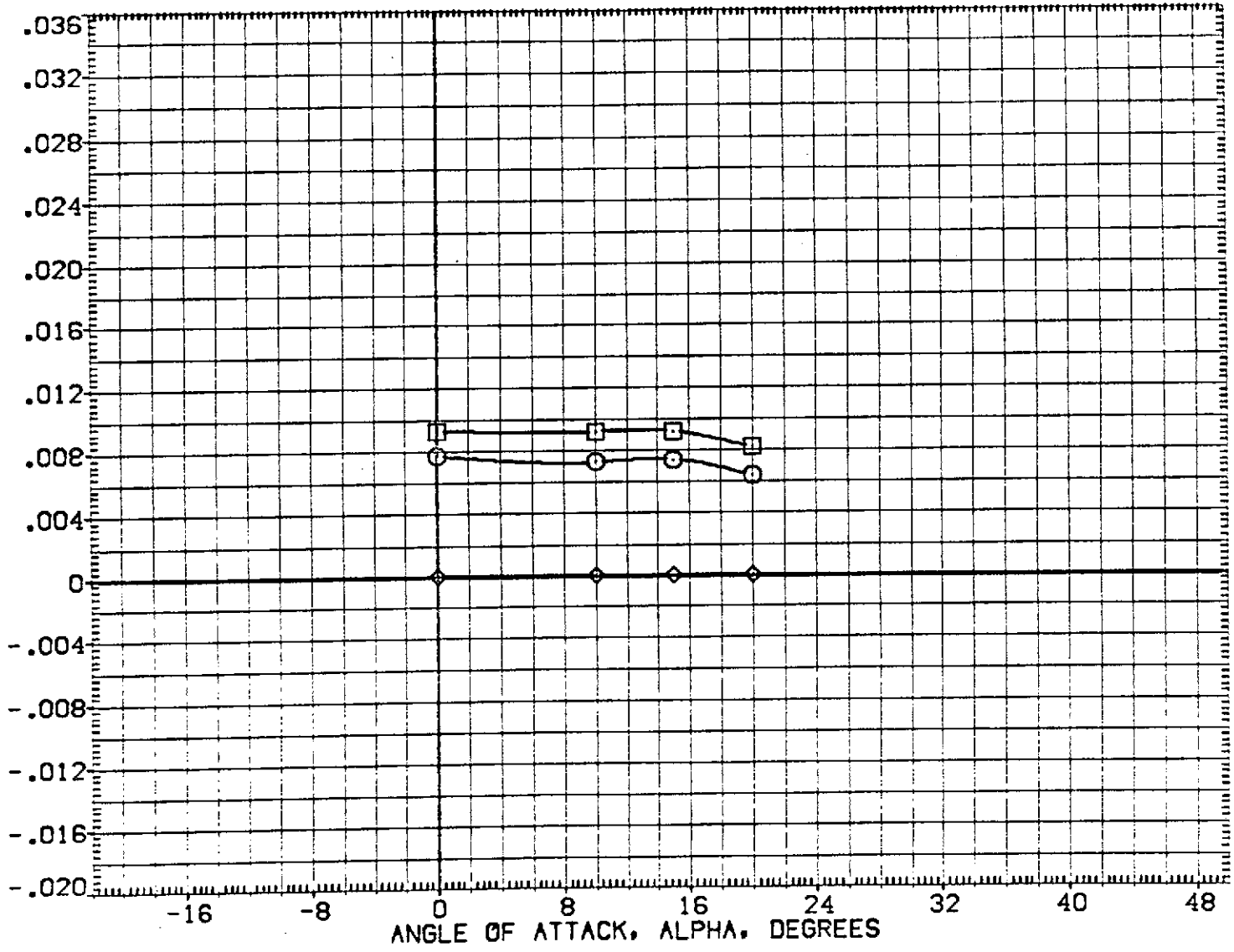


FIG 24 RUDDER EFFECTIVENESS,DERIVATIVES, SPDBRK = 55 DEG.

0A37 B26 C9 F9 M7 W116 E37 V8 R5 (MF2056)

SYMBOL	DRUDER		PARAMETRIC VALUES		
○	-25.000	MACH	.200	BETA	10.000
□	-10.000	ELEVON	.000	AILRON	.000
◇	.000	BOFLAP	-11.700	SPOILR	55.000

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
LREF	474.0000	INCHES
BREF	933.0000	INCHES
XMRP	1078.7000	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0300	

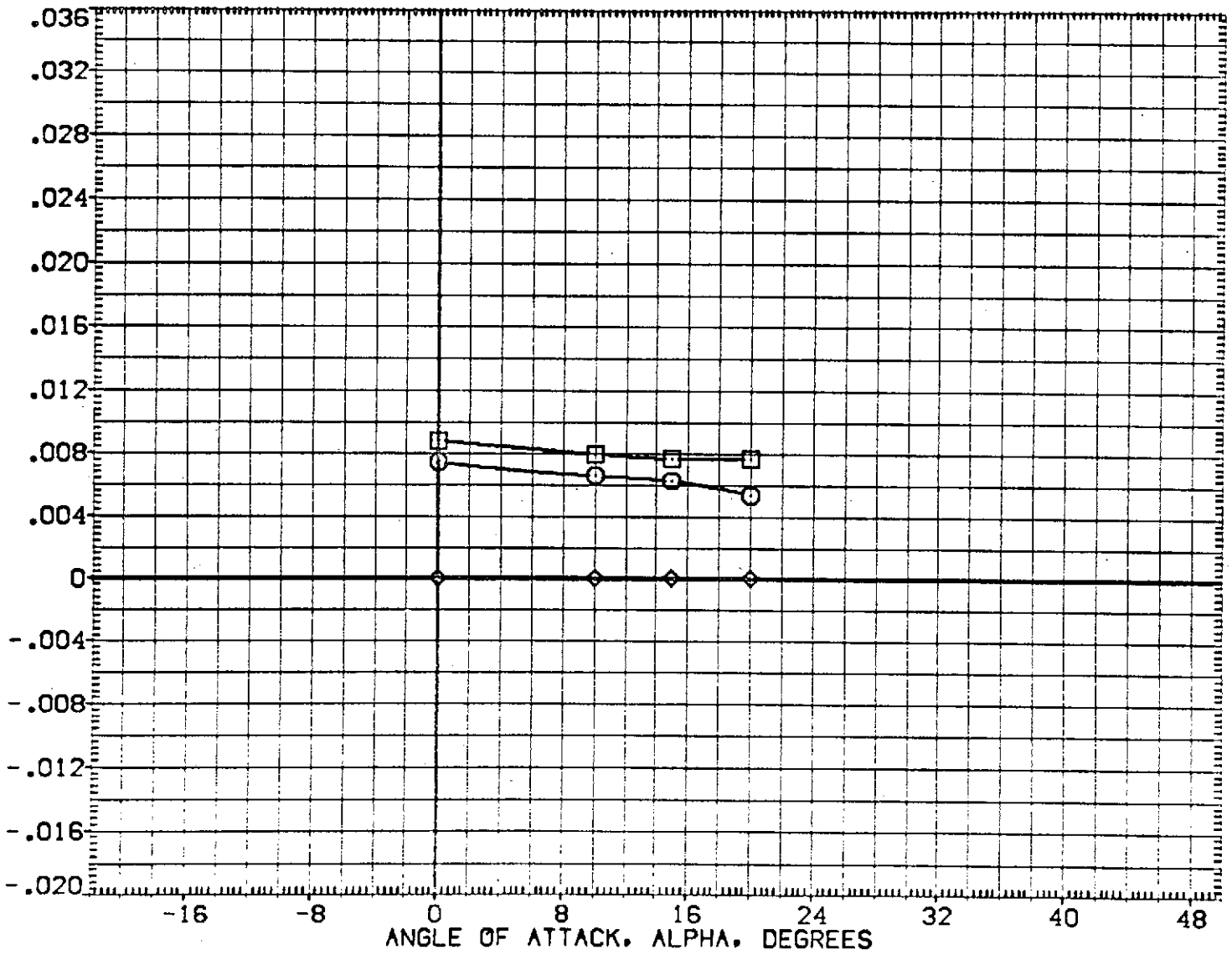


FIG 24 RUDDER EFFECTIVENESS,DERIVATIVES, SPDBRK = 55 DEG.

DATA SET SYMBOL		CONFIGURATION DESCRIPTION
(RF2000)	○	BA37 B2G C9 F9 M7 V11GE37V0 R5
(RF2037)	□	BA37 B2G C9 F9 M7V11GE37V0 R5
(RF2051)	◇	BA37 B2G C9 F9 M7 V11GE37V0 R5
(RF2053)	△	BA37 B2G C9 F9 M7V11GE37V0 R5

ALPHA	SPDBRK	RUDDER	BOFLAP
.000	85.000	-10.000	-12.000
.000	85.000	.000	-12.000
10.000	85.000	-10.000	-12.000
10.000	85.000	.000	-12.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.0000	INCHES
BREF	965.0000	INCHES
XMRP	1070.7000	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0300	SCALE

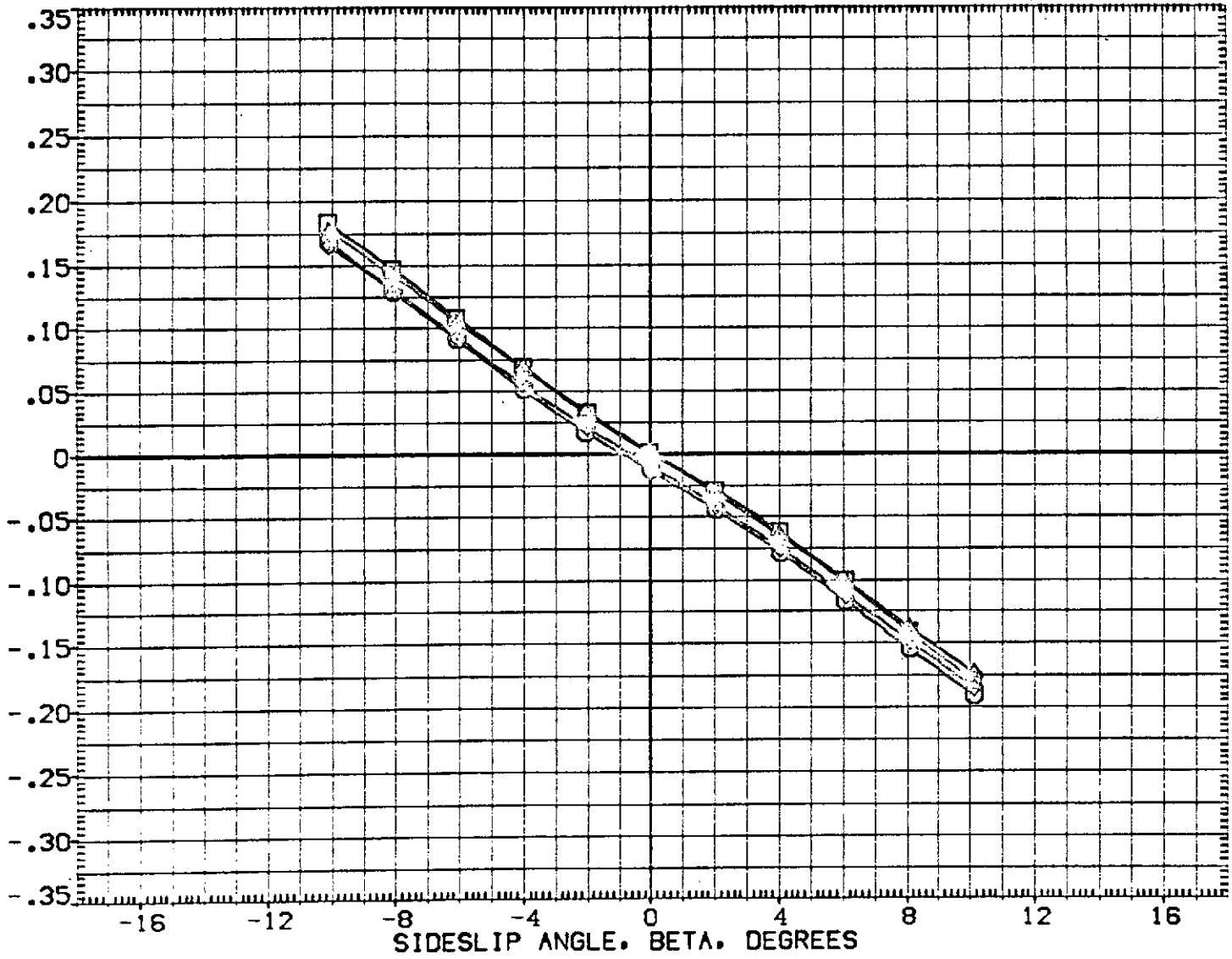


FIG 25 RUDDER EFFECTIVENESS, SPDBRK = 85 DEG., ALPHA = 0 AND 10 DEG.

(A)MACH = .26

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(RF2030)	○	GA37 B26 C9 F9 M7 V110E37V8 R5
(RF2037)	□	GA37 B26 C9 F9 M7V110E37V8 R5
(RF2031)	◇	GA37 B26 C9 F9 M7 V110E37V8 R5
(RF2038)	△	GA37 B26 C9 F9 M7V110E37V8 R5

ALPHA	SPDBRK	RUDDER	BOFLAP
.000	85.000	-10.000	-12.000
.000	85.000	.000	-12.000
10.000	85.000	-10.000	-12.000
10.000	85.000	.000	-12.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.0000	INCHES
BREF	936.0000	INCHES
XMRP	1076.7000	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0300	SCALE

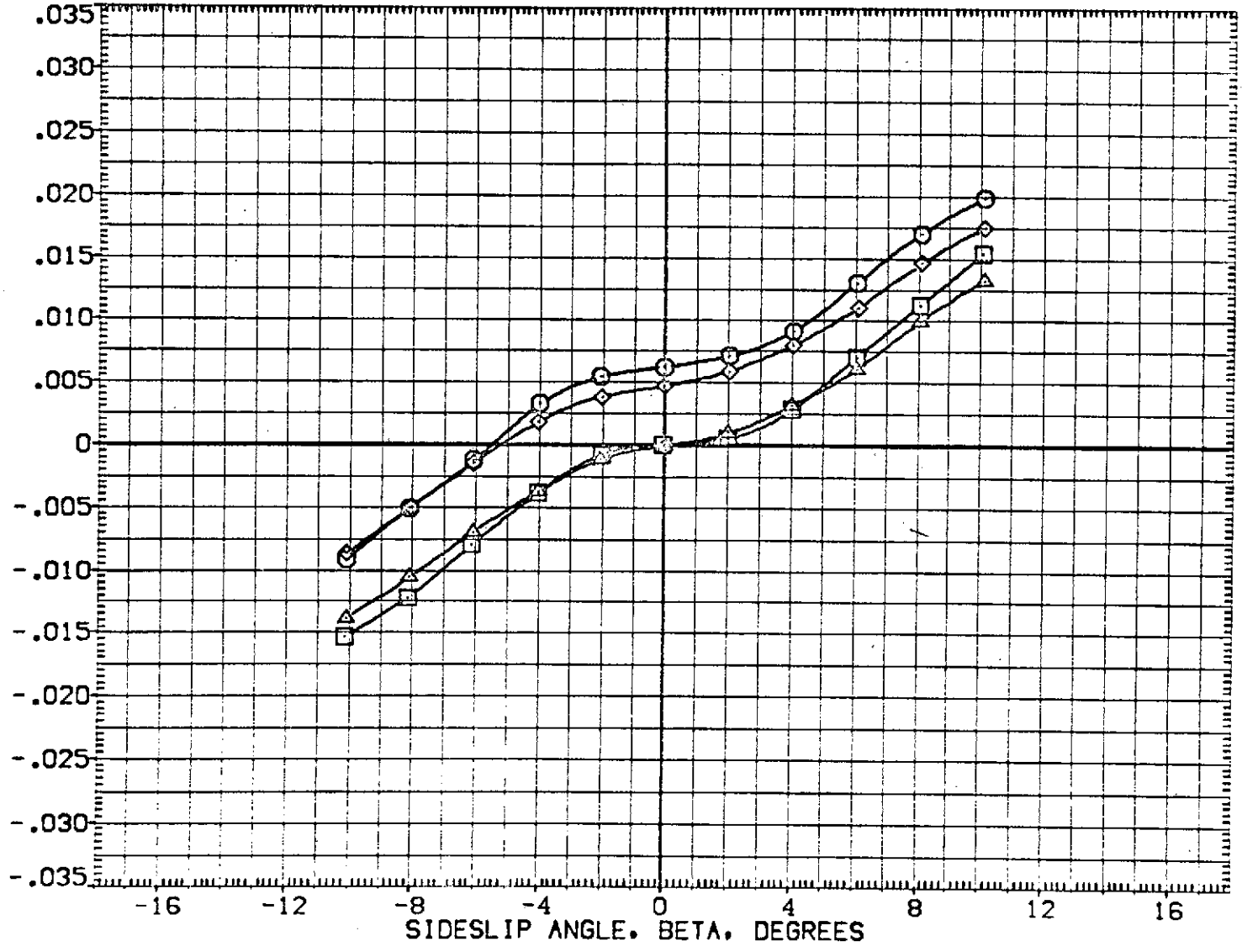


FIG 25 RUDDER EFFECTIVENESS, SPDBRK = 85 DEG., ALPHA = 0 AND 10 DEG.

(A)MACH = .26

DATA SET	SYMBOL	CONFIGURATION	DESCRIPTION
(RF2050)	○	0A37	B23 C9 F9 M7 W11CE37V8 R5
(RF2037)	□	0A37	B23 C9 F9 M7W11CE37V3 R5
(RF2051)	◇	0A37	B23 C9 F9 M7 W11CE37V3 R5
(RF2038)	△	0A37	B23 C9 F9 M7W11CE37V8 R5

ALPHA	SPDBRK	RUDDER	BDFLAP
.000	85.000	-10.000	-12.000
.000	85.000	.000	-12.000
10.000	85.000	-10.000	-12.000
10.000	85.000	.000	-12.000

REFERENCE INFORMATION		
SREF	2050.0000	SQ.FT.
LREF	474.0000	INCHES
BREF	935.0000	INCHES
XMRP	1076.7000	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0300	SCALE

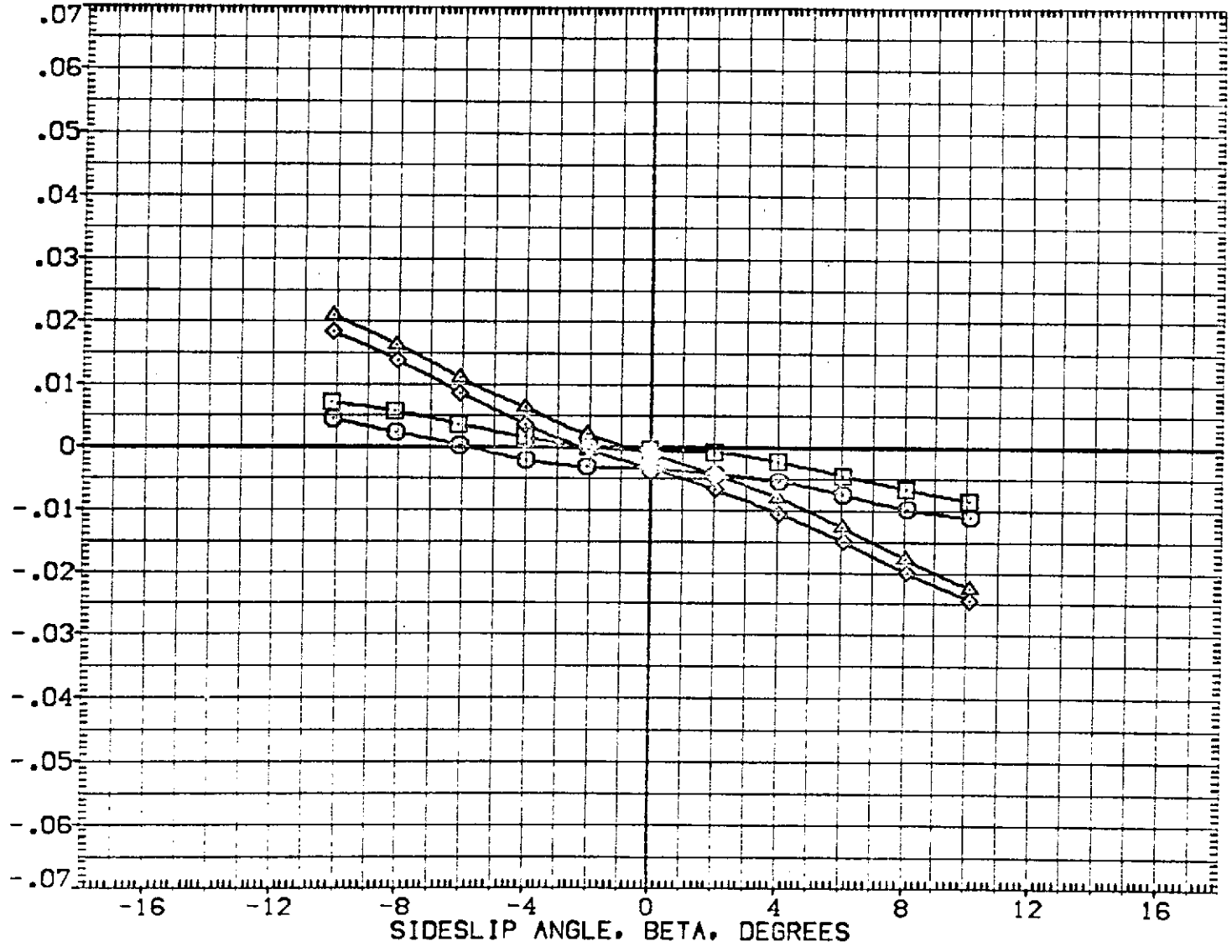


FIG 25 RUDDER EFFECTIVENESS, SPDBRK = 85 DEG., ALPHA = 0 AND 10 DEG.

(A)MACH = .26

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(AF2000)	○	GA37 B26 C9 F9 M7 W116 E37 V8 R5
(AF2007)	□	GA37 B26 C9 F9 M7 W116 E37 V3 R5
(AF2031)	◇	GA37 B26 C9 F9 M7 W116 E37 V3 R5
(AF2050)	△	GA37 B26 C9 F9 M7 W116 E37 V8 R5

ALPHA	SPDBRK	RUDDER	BDFLAP
.000	85.000	-10.000	-11.700
.000	85.000	.000	-11.700
10.000	85.000	-10.000	-11.700
10.000	85.000	.000	-11.700

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.0000	INCHES
BREF	930.0000	INCHES
XMRP	1078.7000	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0300	

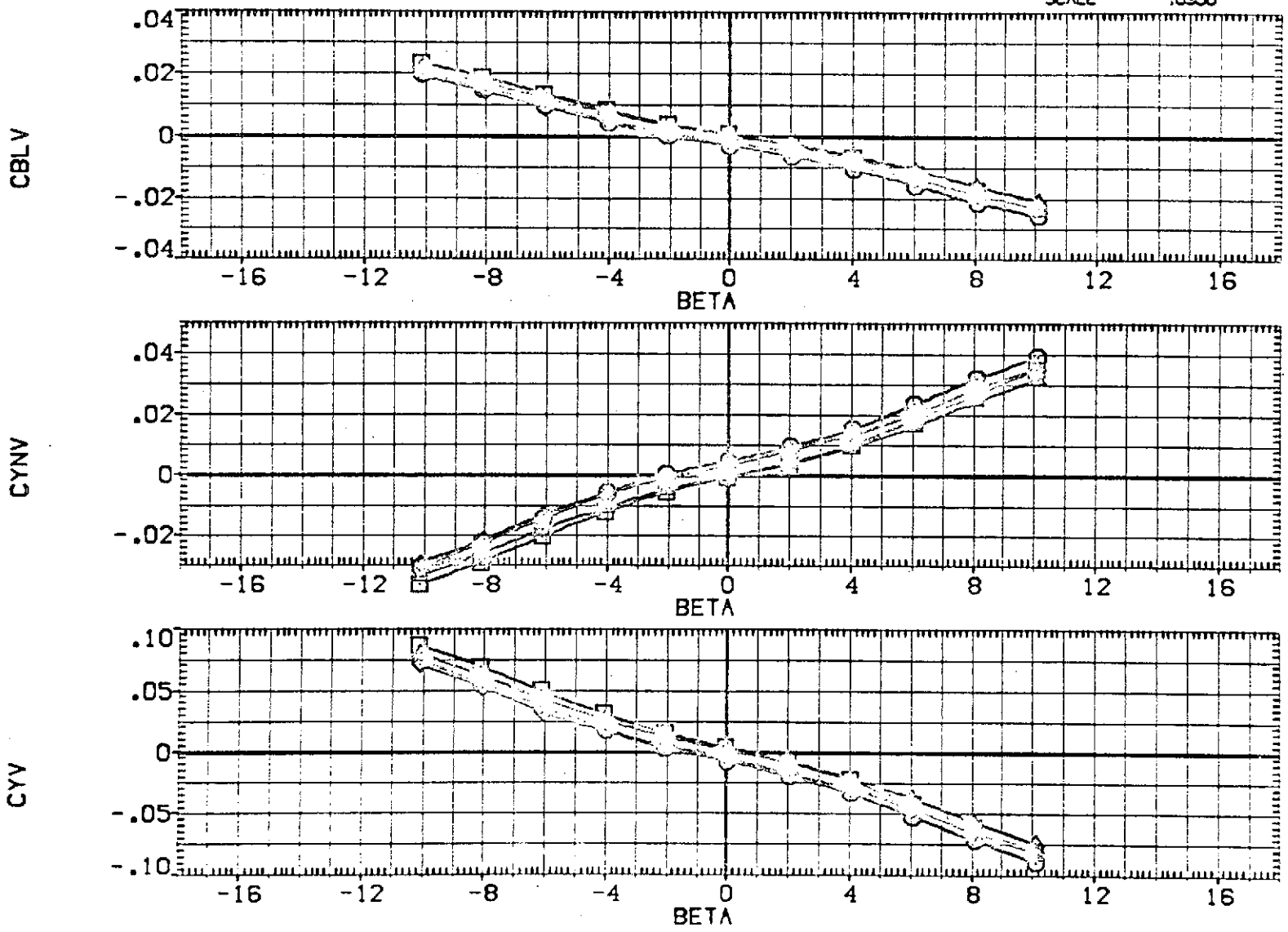


FIG 25 RUDDER EFFECTIVENESS, SPDBRK = 85 DEG., ALPHA = 0 AND 10 DEG.

(A)MACH = .26

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ALPHA	SPDBRK	RUDDER	BOFLAP
(AF2030)	○	0A37 B26 C9 F9 M7 W116 E37 V8 R5	.000	85.000	-10.000	-11.700
(AF2037)	□	0A37 B26 C9 F9 M7 W116 E37 V8 R5	.000	85.000	.000	-11.700
(AF2031)	◇	0A37 B26 C9 F9 M7 W116 E37 V8 R5	10.000	85.000	-10.000	-11.700
(AF2038)	△	0A37 B26 C9 F9 M7 W116 E37 V8 R5	10.000	85.000	.000	-11.700

REFERENCE INFORMATION		
SREF	2059.0000	SQ.FT.
LREF	474.6000	INCHES
BREF	930.0000	INCHES
XMRP	1076.7600	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0000	

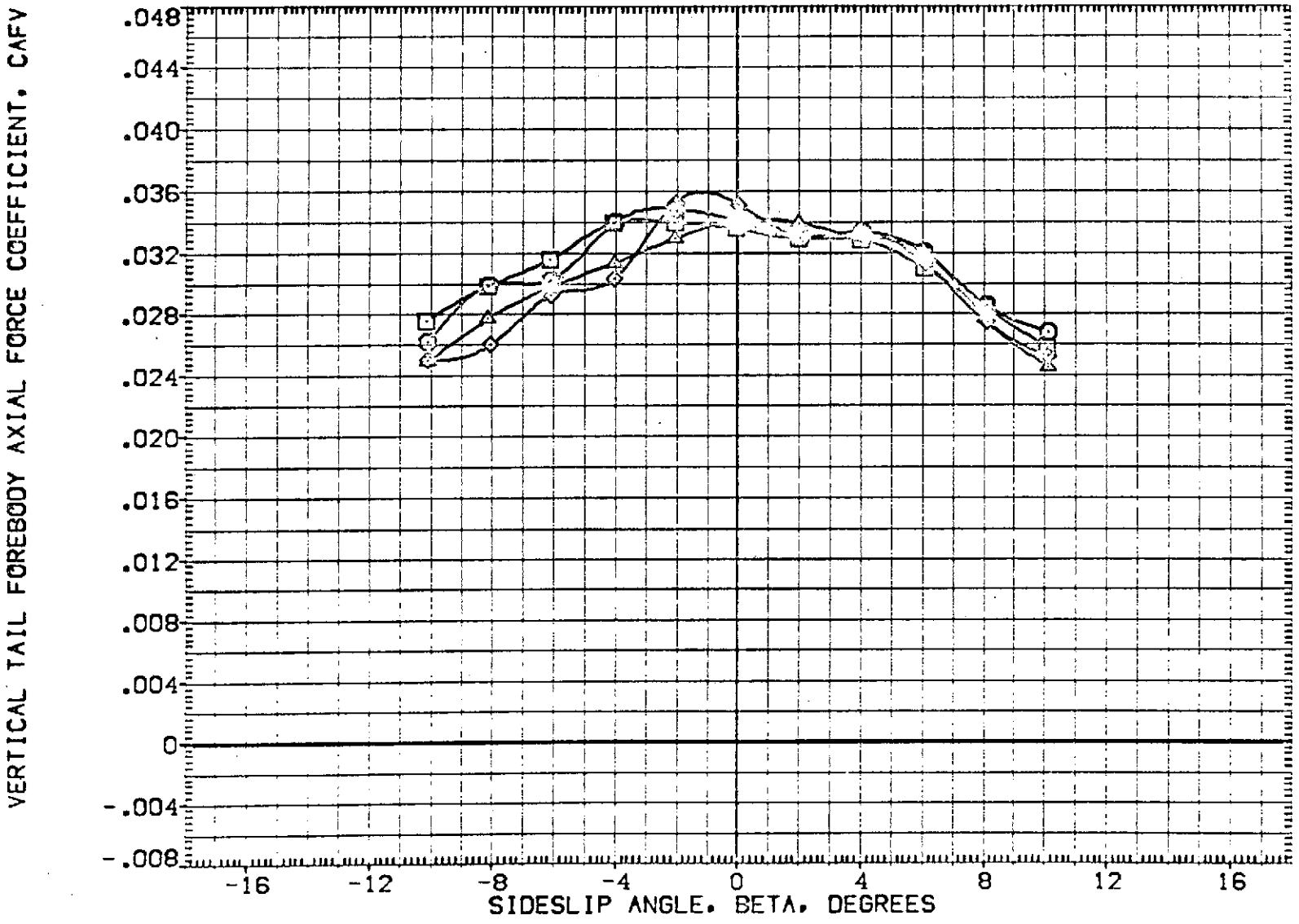


FIG 25 RUDDER EFFECTIVENESS, SPDBRK = 85 DEG., ALPHA = 0 AND 10 DEG.

(A)MACH = .26

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(BF2060)	○	BA37 B26 C9 F9 M7 V116 E37 V8 R5
(BF2057)	□	BA37 B26 C9 F9 M7 V116 E37 V8 R5
(BF2061)	⊗	BA37 B26 C9 F9 M7 V116 E37 V8 R5
(BF2058)	△	BA37 B26 C9 F9 M7 V116 E37 V8 R5

ALPHA	SPDBRK	RUDDER	BOFLAP
.000	85.000	-10.000	-11.700
.000	85.000	.000	-11.700
10.000	85.000	-10.000	-11.700
10.000	85.000	.000	-11.700

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.6000	INCHES
BREF	936.6000	INCHES
XMRP	1076.7000	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0300	

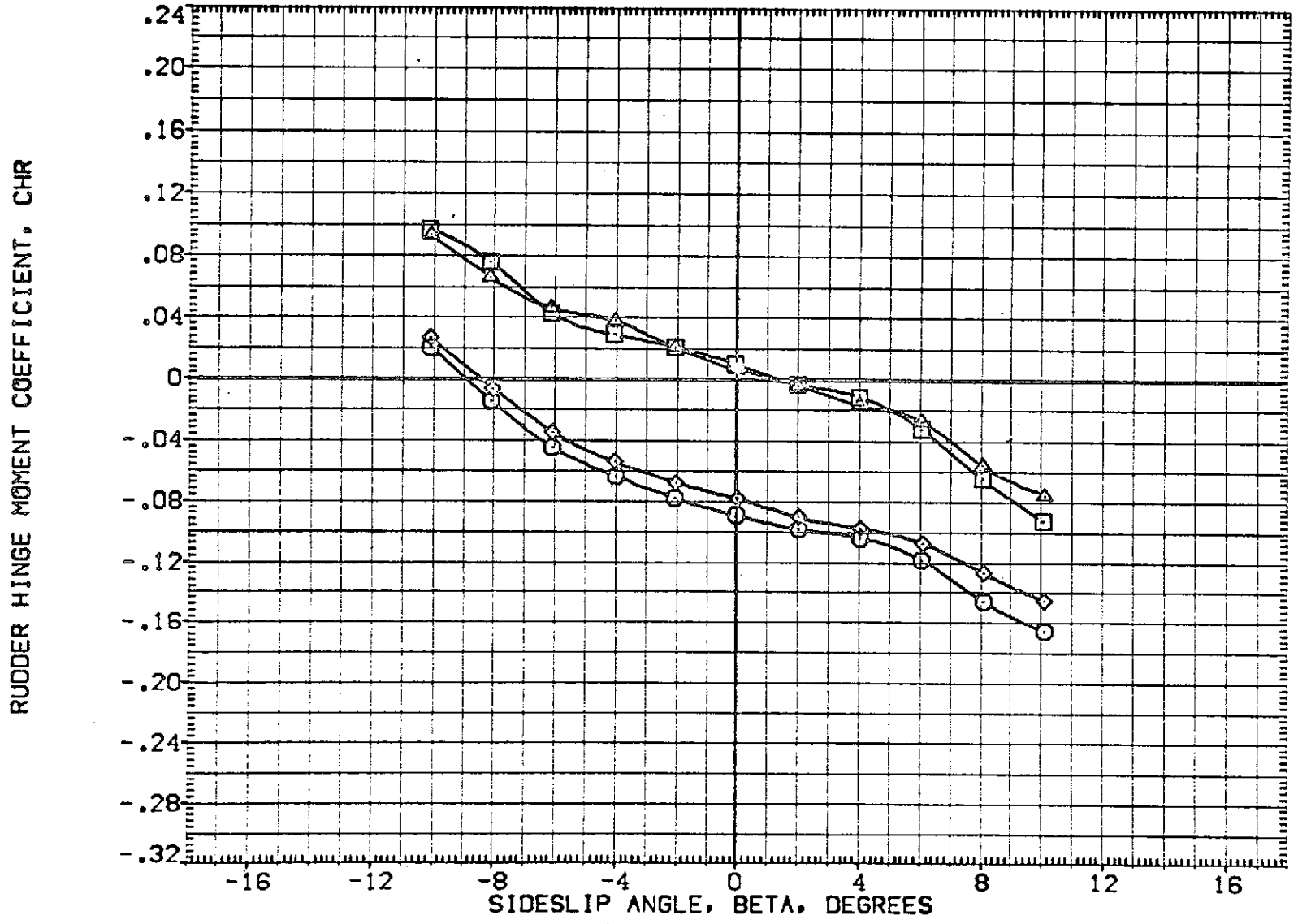


FIG 25 RUDDER EFFECTIVENESS, SPDBRK = 85 DEG., ALPHA = 0 AND 10 DEG.

(A)MACH = .26

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ALPHA	SPDBRK	RUDDER	BDFLAP
[RF2052]	○	0A37 B26 C9 F9 M7 V11CE37V8 R5	15.000	85.000	-10.000	-12.000
[RF2039]	□	0A37 B26 C9 F9 M7V11CE37V3 R5	15.000	85.000	.000	-12.000
[RF2053]	◇	0A37 B26 C9 F9 M7 V11CE37V8 R5	20.000	85.000	-10.000	-12.000
[RF2040]	△	0A37 B26 C9 F9 M7V11CE37V8 R5	20.000	85.000	.000	-12.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.8000	INCHES
BREF	936.8000	INCHES
XMRP	1076.7000	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0300	SCALE

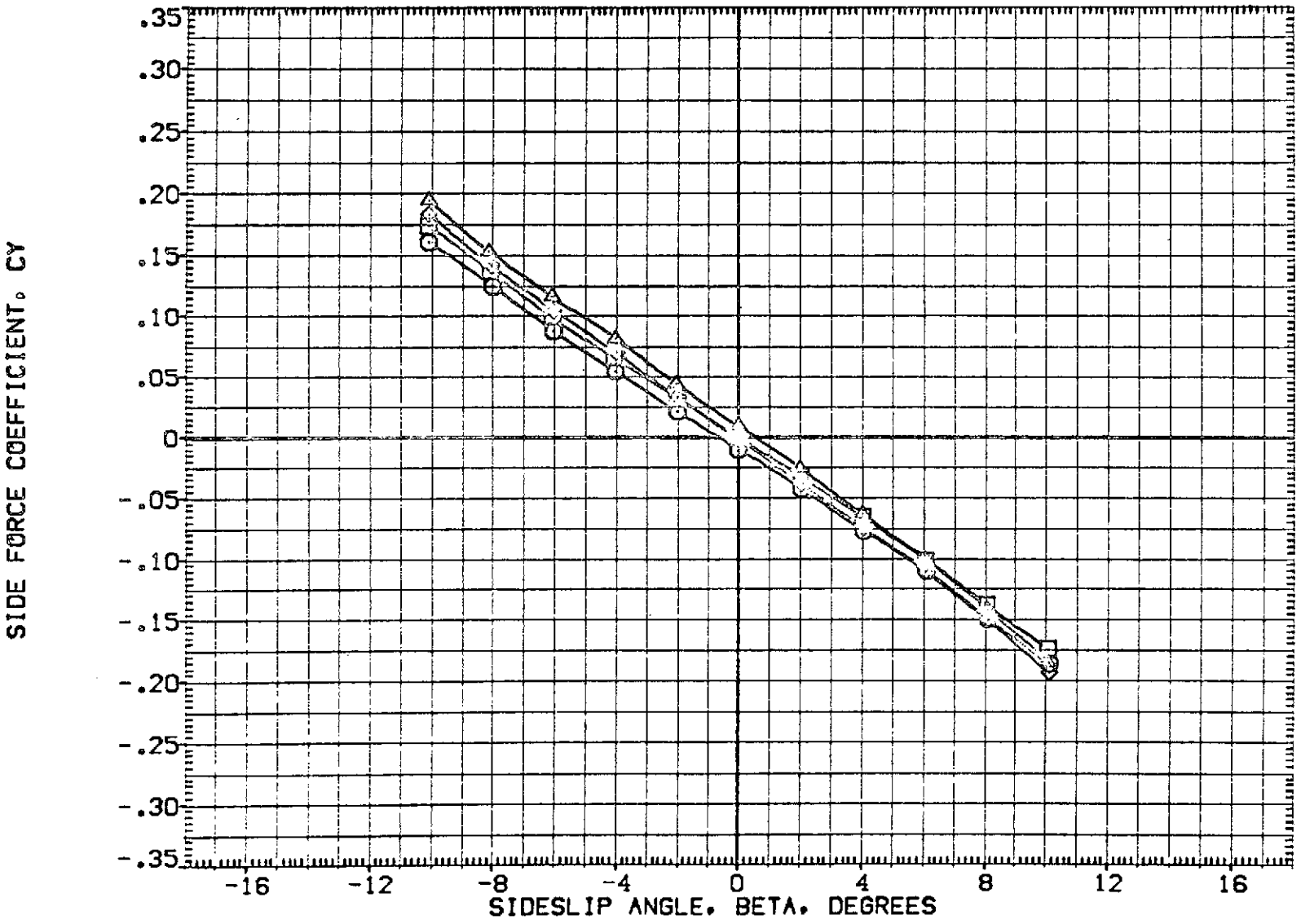


FIG 26 RUDDER EFFECTIVENESS, SPDBRK = 85 DEG., ALPHA = 15 AND 20 DEG.

(A)MACH = .26

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(RF2052)	○	0A37 B26 C3 F9 M7 V11CE37V0 R5
(RF2053)	□	0A37 B26 C9 F9 M7V11CE37V0 R5
(RF2038)	◇	0A37 B26 C9 F9 M7 V11CE37V3 R5
(RF2040)	△	0A37 B26 C9 F9 M7V11CE37V0 R5

ALPHA	SPDBRK	RUDDER	BOFLAP
15.000	85.000	-10.000	-12.000
15.000	85.000	.000	-12.000
20.000	85.000	-10.000	-12.000
20.000	85.000	.000	-12.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.0000	INCHES
BREF	936.0000	INCHES
XMRP	1070.7000	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0300	SCALE

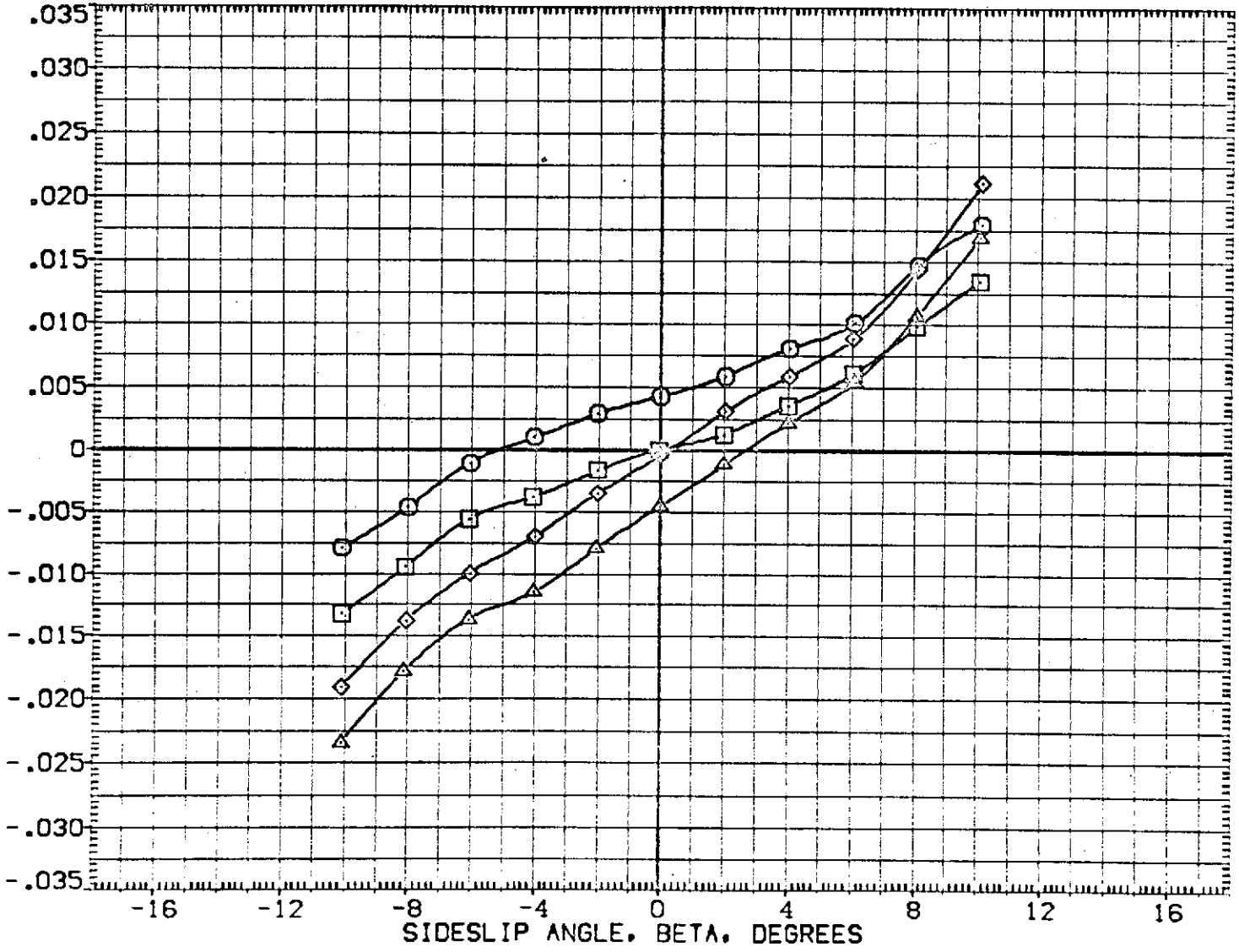


FIG 26 RUDDER EFFECTIVENESS, SPDBRK = 85 DEG., ALPHA = 15 AND 20 DEG.

(A)MACH = .26

DATA SET SYMBOL		CONFIGURATION DESCRIPTION	ALPHA	SPOBRK	RUDDER	BOFLAP
[RF2002]	○	0A37 B2S C9 F9 M7 V11GE37V8 R5	15.000	85.000	-10.000	-12.000
[RF2003]	□	0A37 B2S C9 F9 M7V11GE37V8 R5	15.000	85.000	.000	-12.000
[RF2009]	⊗	0A37 B2S C9 F9 M7 V11GE37V8 R5	20.000	85.000	-10.000	-12.000
[RF2010]	⊠	0A37 B2S C9 F9 M7V11GE37V8 R5	20.000	85.000	.000	-12.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.0000	INCHES
BREF	935.0000	INCHES
XMRP	1076.7000	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0000	SCALE

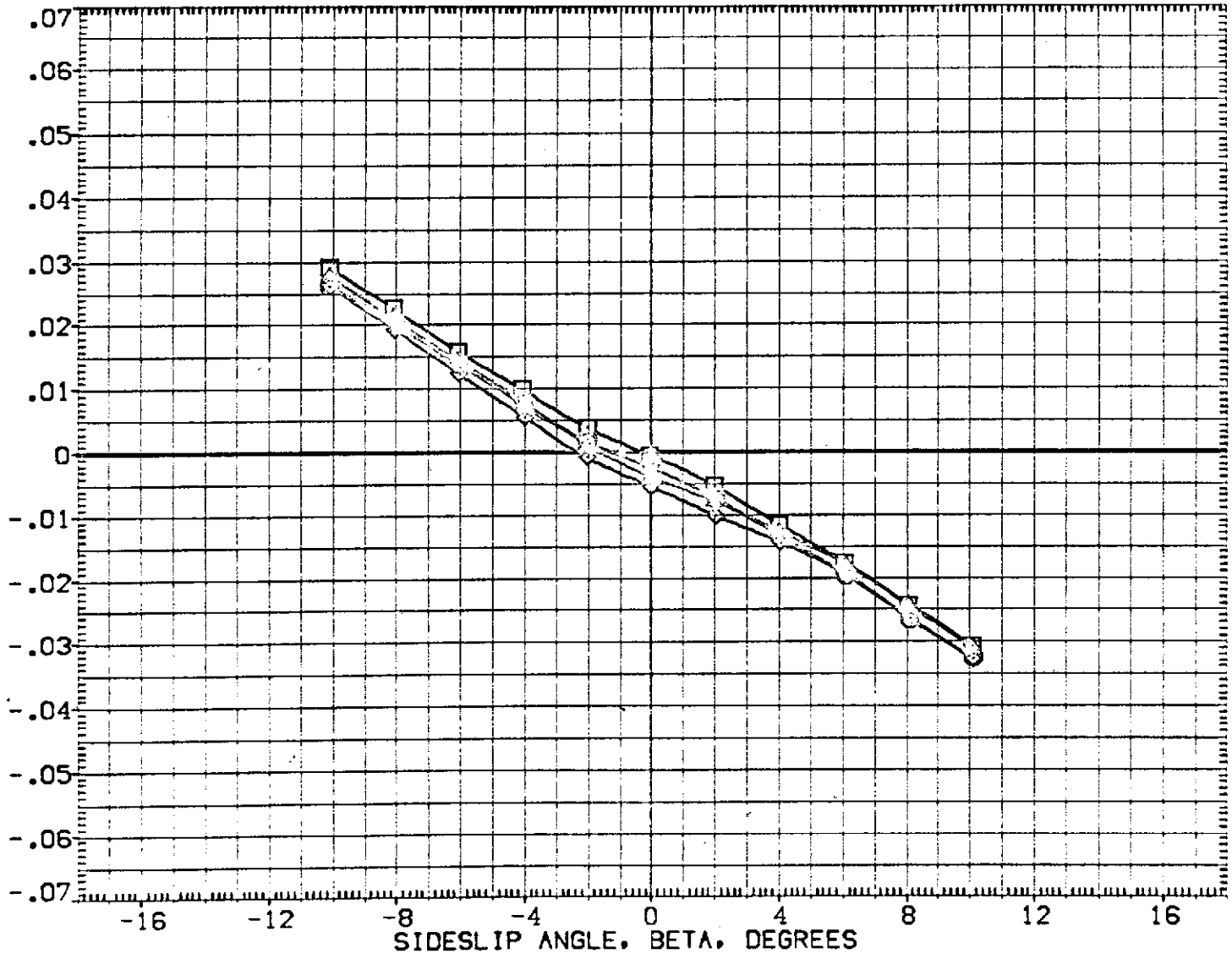


FIG 26 RUDDER EFFECTIVENESS, SPDBRK = 85 DEG., ALPHA = 15 AND 20 DEG.

[A]MACH = .26

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(AF2052)	○	BA37 B26 C9 F9 M7 V116 E37 V8 R5
(AF2053)	□	BA37 B26 C9 F9 M7 V116 E37 V8 R5
(AF2053)	◇	BA37 B26 C9 F9 M7 V116 E37 V8 R5
(AF2040)	△	BA37 B26 C9 F9 M7 V116 E37 V8 R5

ALPHA	SPDBRK	RUDDER	BOFLAP
15.000	85.000	-10.000	-11.700
15.000	85.000	.000	-11.700
20.000	85.000	-10.000	-11.700
20.000	85.000	.000	-11.700

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.0000	INCHES
BREF	935.0000	INCHES
XMRP	1070.7000	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0300	

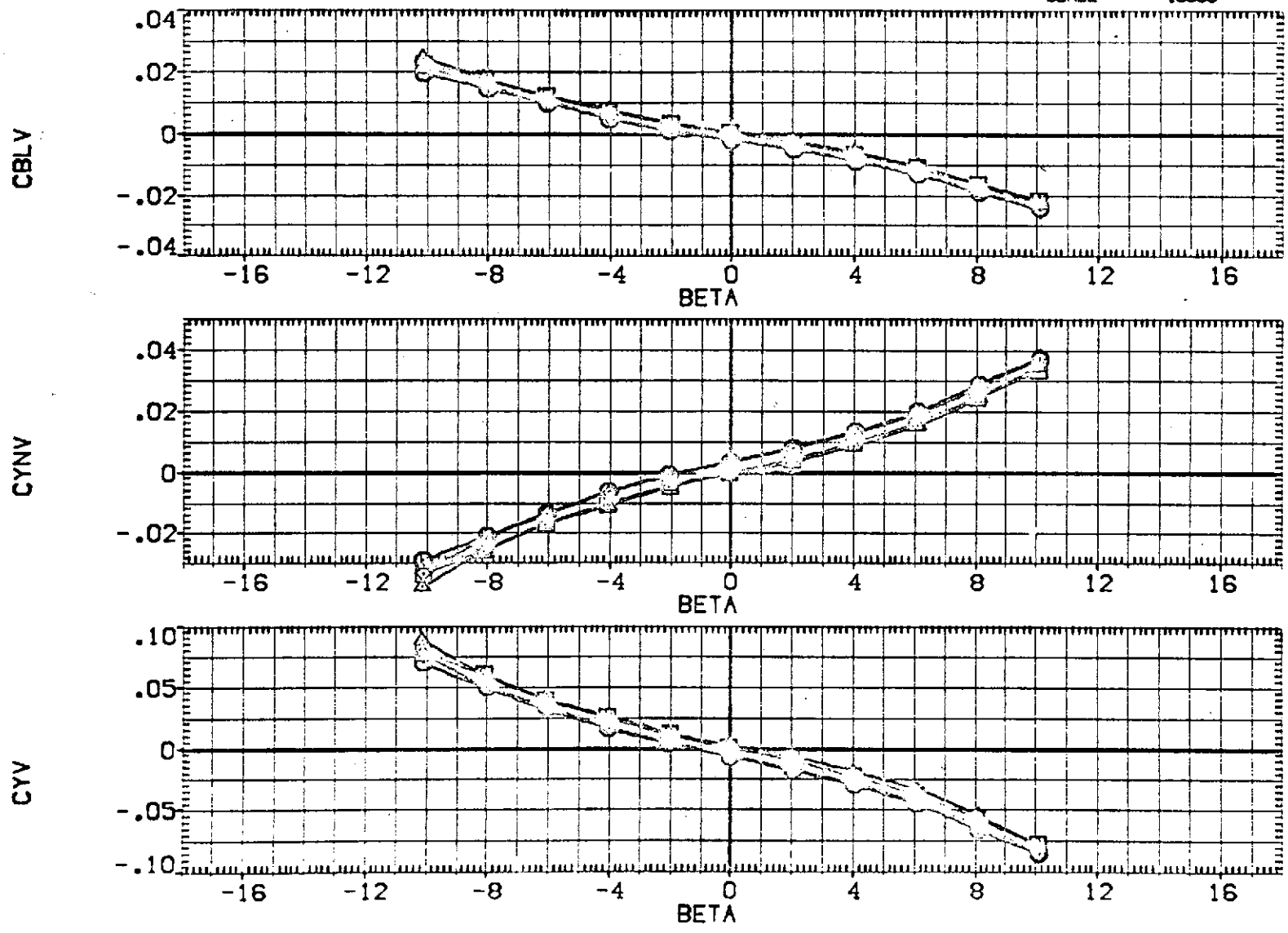


FIG 26 RUDDER EFFECTIVENESS, SPDBRK = 85 DEG., ALPHA = 15 AND 20 DEG.

(A)MACH = .26

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(AF2032)	○	BA37 B26 C9 F9 M7 W116 E37 V8 R5
(AF2033)	□	BA37 B26 C9 F9 M7 W116 E37 V8 R5
(AF2038)	◇	BA37 B26 C9 F9 M7 W116 E37 V8 R5
(AF2040)	△	BA37 B26 C9 F9 M7 W116 E37 V8 R5

ALPHA	SPDBRK	RUDDER	BOFLAP
15.000	85.000	-10.000	-11.700
15.000	85.000	.000	-11.700
20.000	85.000	-10.000	-11.700
20.000	85.000	.000	-11.700

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.0000	INCHES
BREF	925.0000	INCHES
XMRP	1076.7000	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0300	

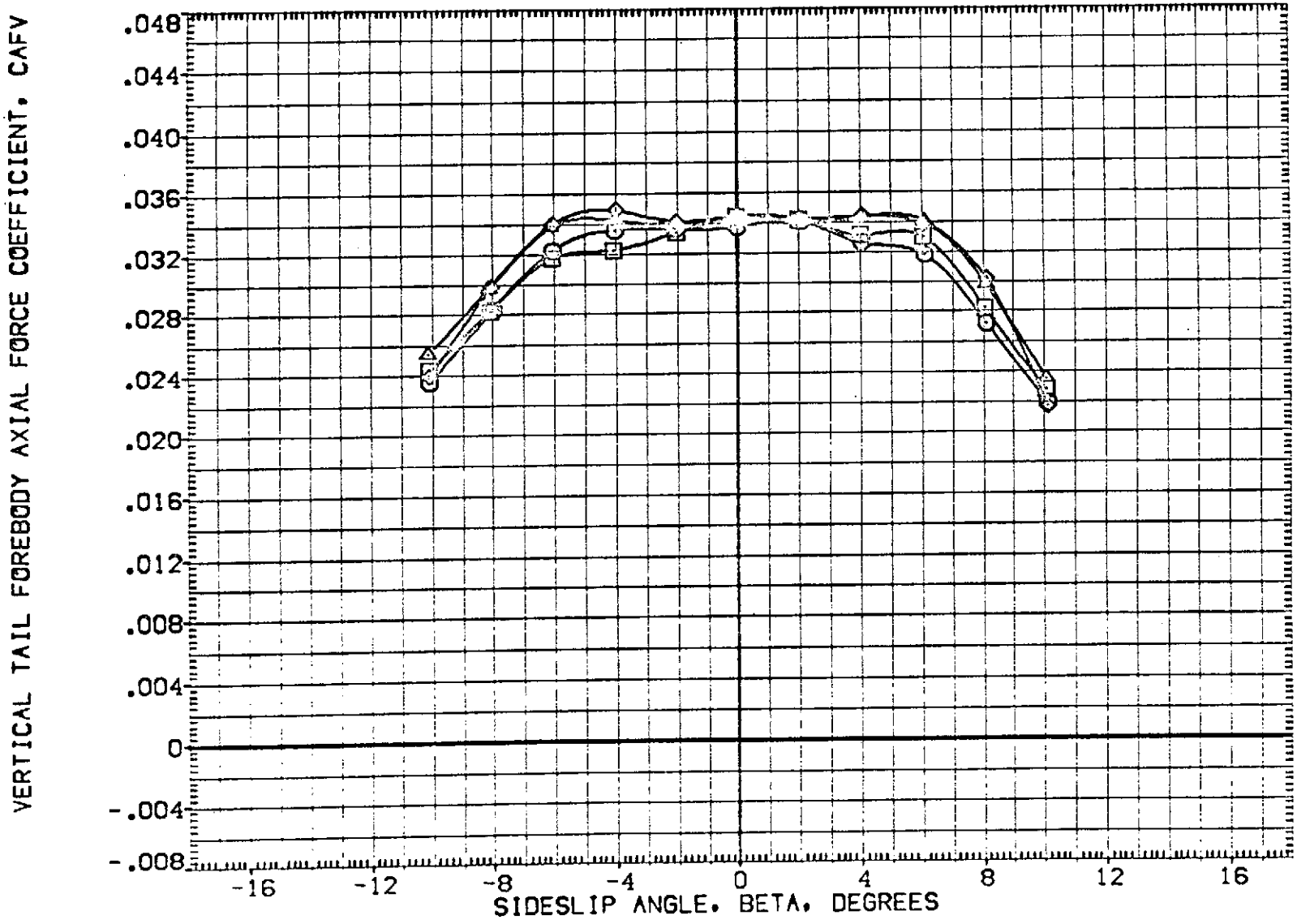


FIG 26 RUDDER EFFECTIVENESS, SPDBRK = 85 DEG., ALPHA = 15 AND 20 DEG.

(A)MACH = .26

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ALPHA	SPDBRK	RUDDER	BOFLAP
(BF2062)	○	BA37 B26 C9 F9 M7 V116 E37 V8 R5	15.000	85.000	-10.000	-11.700
(BF2063)	□	BA37 B26 C9 F9 M7 V116 E37 V8 R5	15.000	85.000	.000	-11.700
(BF2063)	◇	BA37 B26 C9 F9 M7 V116 E37 V8 R5	20.000	85.000	-10.000	-11.700
(BF2040)	△	BA37 B26 C9 F9 M7 V116 E37 V8 R5	20.000	85.000	.000	-11.700

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
LREF	474.0000	INCHES
BREF	926.0000	INCHES
XMRP	1073.7000	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0300	

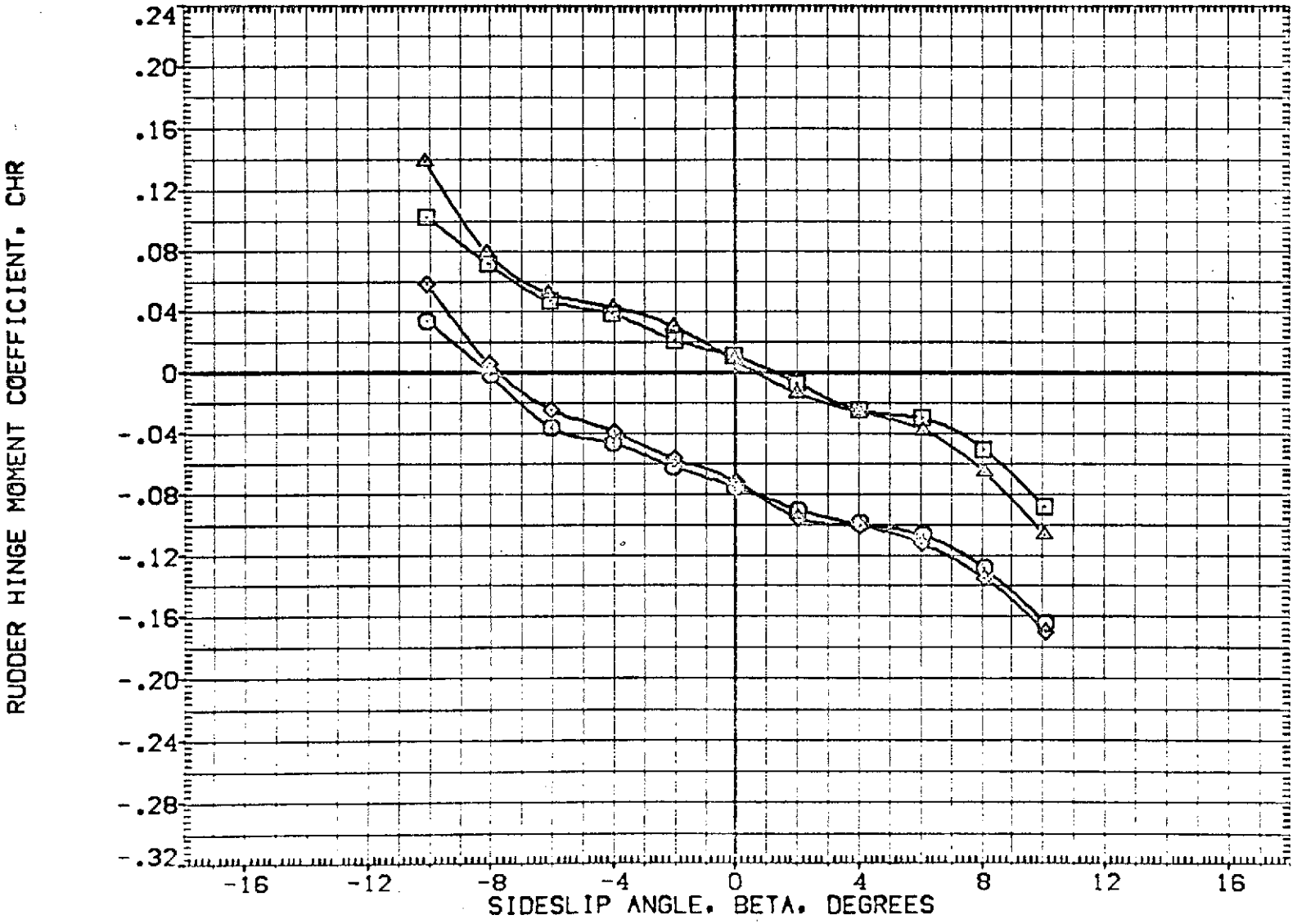


FIG 26 RUDDER EFFECTIVENESS, SPDBRK = 85 DEG., ALPHA = 15 AND 20 DEG.

(A)MACH = .26

0A37 B26 C9 F9 M7 W116 E37 V8 R5 (EF2060)

SYMBOL	ALPHA		PARAMETRIC VALUES		
○	.000	MACH	.200	BETA	-10.000
□	10.000	BOFLAP	-11.700	ELEVON	.000
◇	15.000	AILRON	.000	SPOBRK	85.000
△	20.000				

REFERENCE INFORMATION		
SREF	2090.0000	SQ.FT.
LREF	474.0000	INCHES
BREF	935.0000	INCHES
XMRP	1076.7000	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0300	

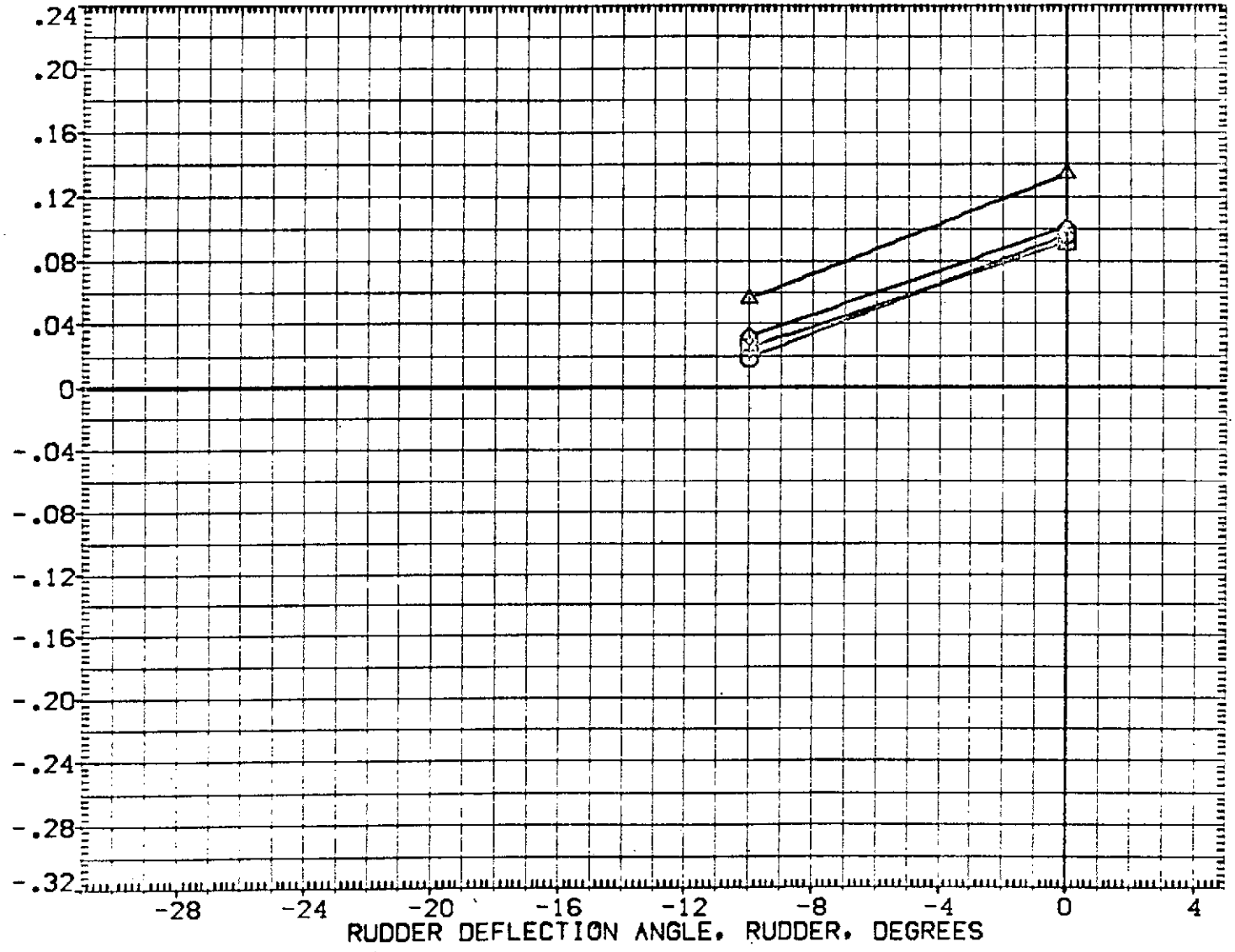


FIG 27 RUDDER EFFECTIVENESS DERIVATIVES, SPDBRK = 85 DEG.

0A37 B26 C9 F9 M7 W116 E37 V8 R5 (EF2060)

SYMBOL	ALPHA		PARAMETRIC VALUES		
○	.000	MACH	.260	BETA	-0.000
□	10.000	BDFLAP	-11.700	ELEVON	.000
◇	15.000	AILRON	.000	SPDBRK	85.000
△	20.000				

REFERENCE INFORMATION		
SREF	2090.0000	SQ.FT.
LREF	474.0000	INCHES
BREF	990.0000	INCHES
XMRP	1078.7000	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0300	

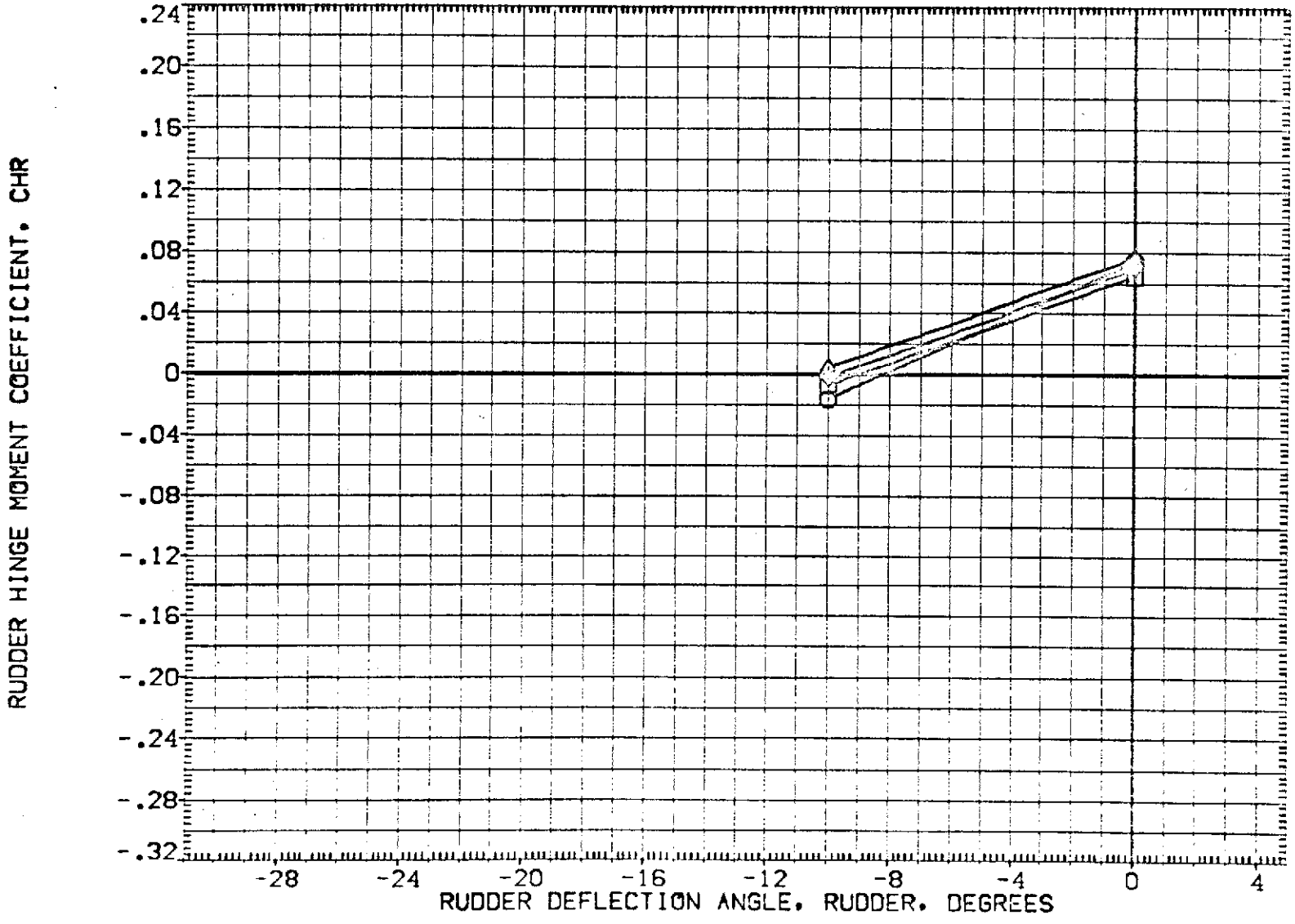


FIG 27 RUDDER EFFECTIVENESS DERIVATIVES, SPDBRK = 85 DEG.

0A37 B26 C9 F9 M7 W116 E37 V8 R5 (EF2060)

SYMBOL	ALPHA		PARAMETRIC VALUES		
○	.000	MACH	.200	BETA	-6.000
□	10.000	BDFLAP	-11.700	ELEVON	.000
◇	15.000	AILRON	.000	SPDBRK	85.000
△	20.000				

REFERENCE INFORMATION

SREF	2080.0000	SQ.FT.
LREF	474.[illegible]	INCHES
BREF	930.[illegible]	INCHES
XMRP	1078.7000	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0300	

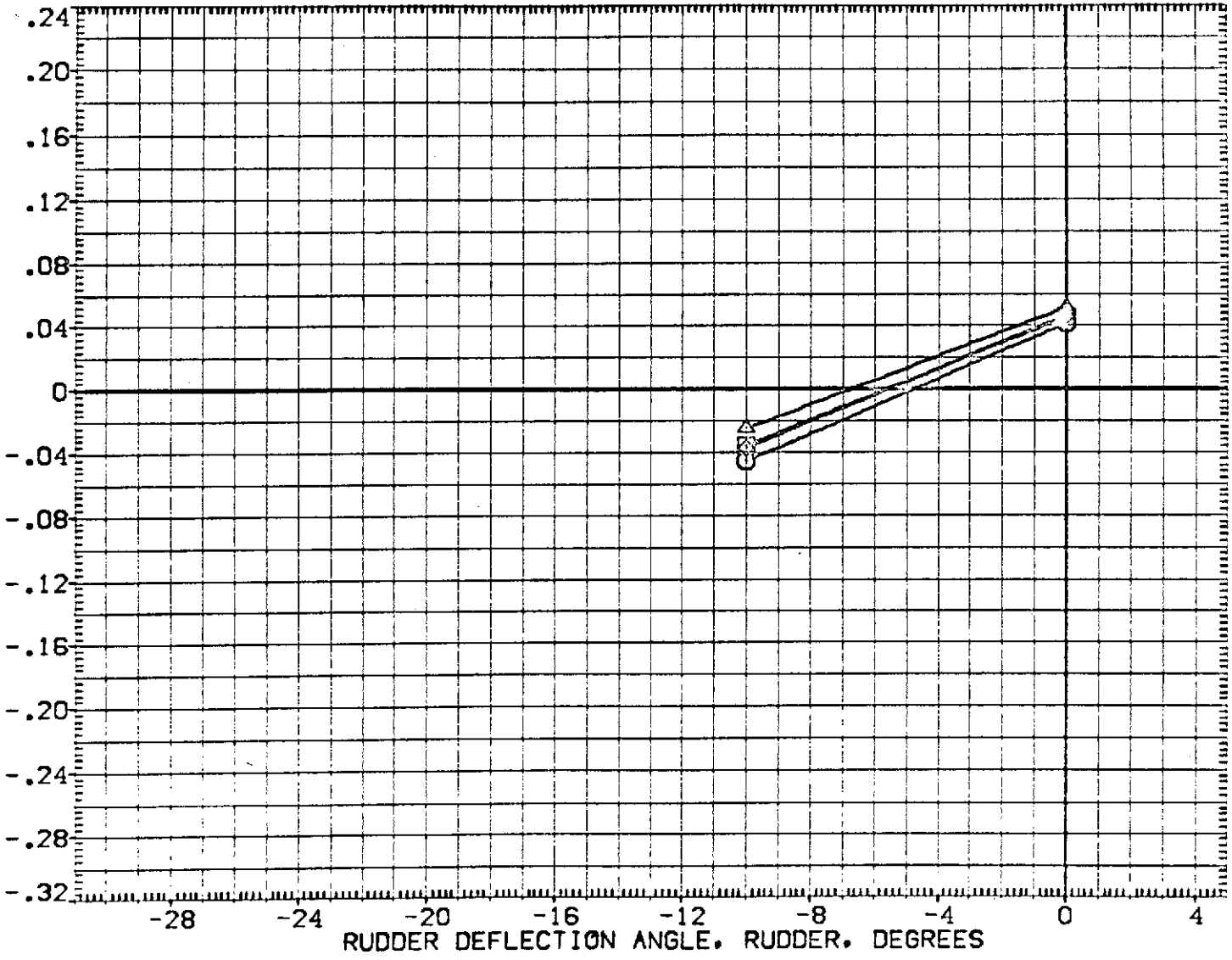


FIG 27 RUDDER EFFECTIVENESS DERIVATIVES, SPDBRK = 85 DEG.

SYMBOL	ALPHA		PARAMETRIC VALUES		
○	.000	MACH	.200	BETA	-4.000
□	10.000	BOFLAP	-11.700	ELEVON	.000
◇	15.000	AILRON	.000	SPOILR	85.000
△	20.000				

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.6000	INCHES
BREF	933.0000	INCHES
XMRP	1076.7000	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0300	

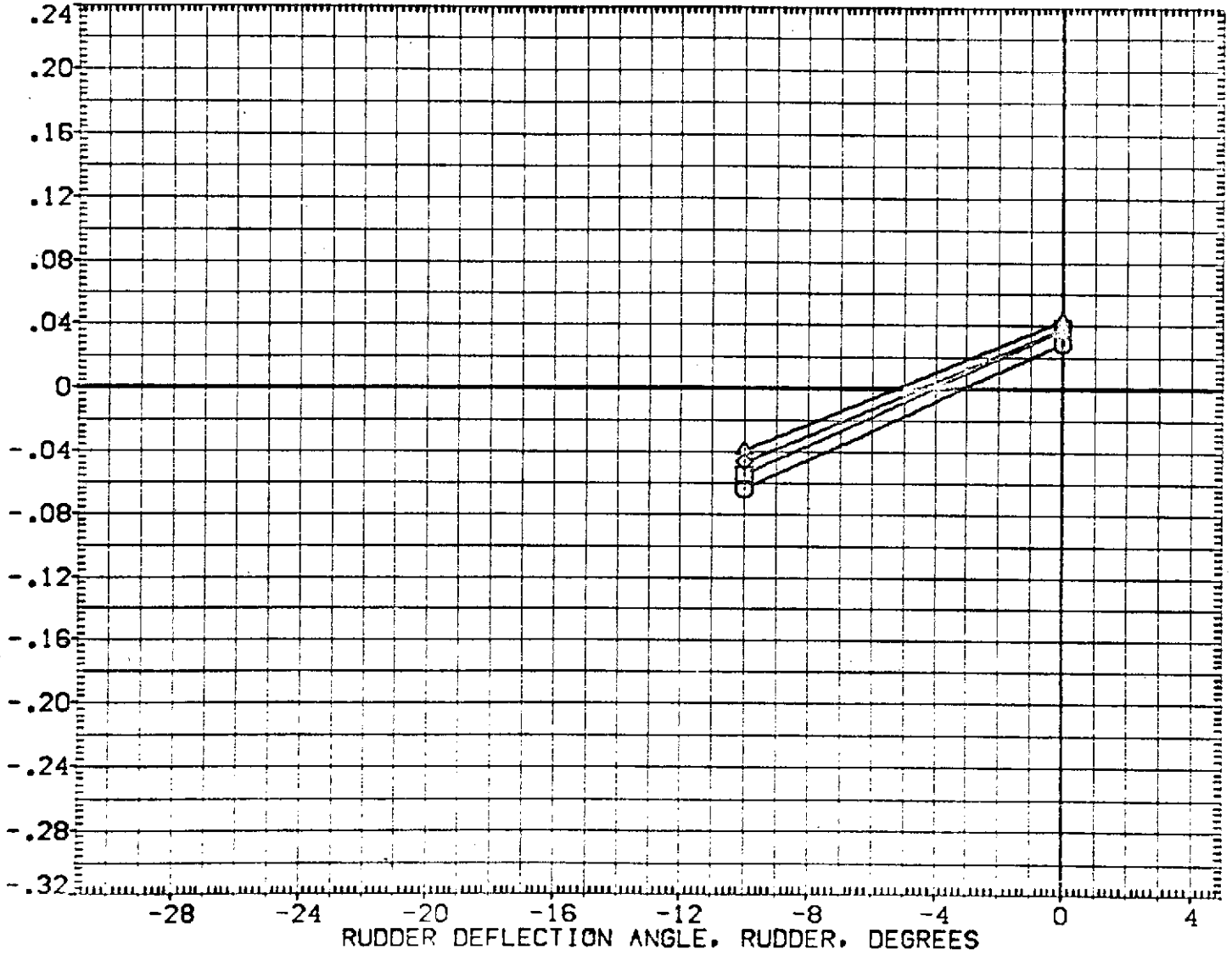


FIG 27 RUDDER EFFECTIVENESS DERIVATIVES, SPDBRK = 85 DEG.

0A37 B26 C9 F9 M7 W116 E37 V8 R5 (EF2060)

SYMBOL	ALPHA		PARAMETRIC VALUES		
○	.000	MACH	.260	BETA	-2.000
□	10.000	BOFLAP	-11.700	ELEVON	.000
◇	15.000	AILRON	.000	SPDBRK	85.000
△	20.000				

REFERENCE INFORMATION

SREF	2000.0000	SQ.FT.
LREF	474.0000	INCHES
BREF	900.0000	INCHES
XMRP	1076.7000	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0500	

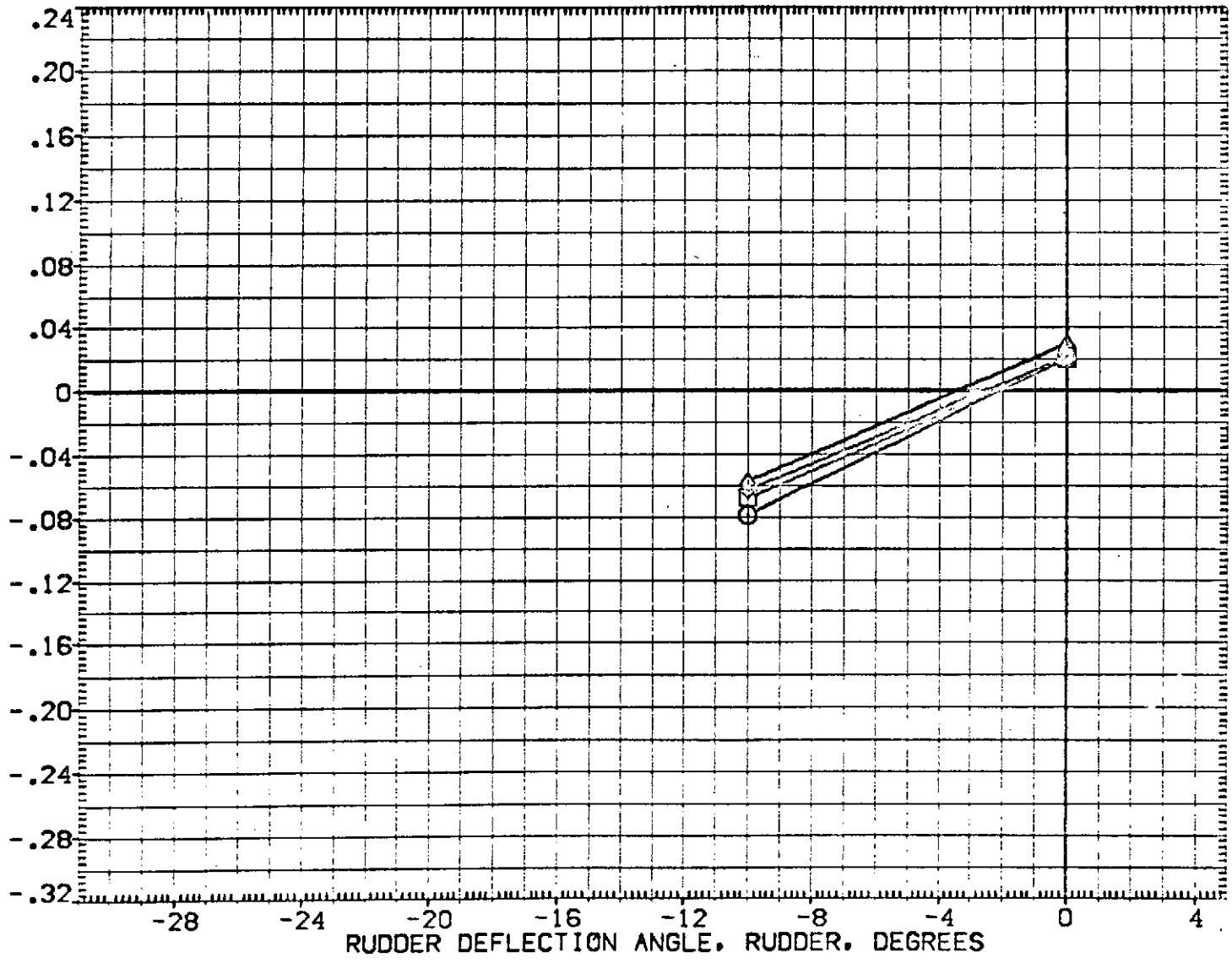


FIG 27 RUDDER EFFECTIVENESS DERIVATIVES, SPDBRK = 85 DEG.

0A37 B26 C9 F9 M7 W116 E37 V8 R5 (EF2060)

SYMBOL	ALPHA
○	.000
□	10.000
◇	15.000
△	20.000

PARAMETRIC VALUES

MACH	.200	BETA	.000
BOFLAP	-11.700	ELEVON	.000
AILRON	.000	SPOBRK	85.000

REFERENCE INFORMATION

SREF	2099.0000	SQ.FT.
LREF	474.0000	INCHES
BREF	933.0000	INCHES
XMRP	1076.7000	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0300	

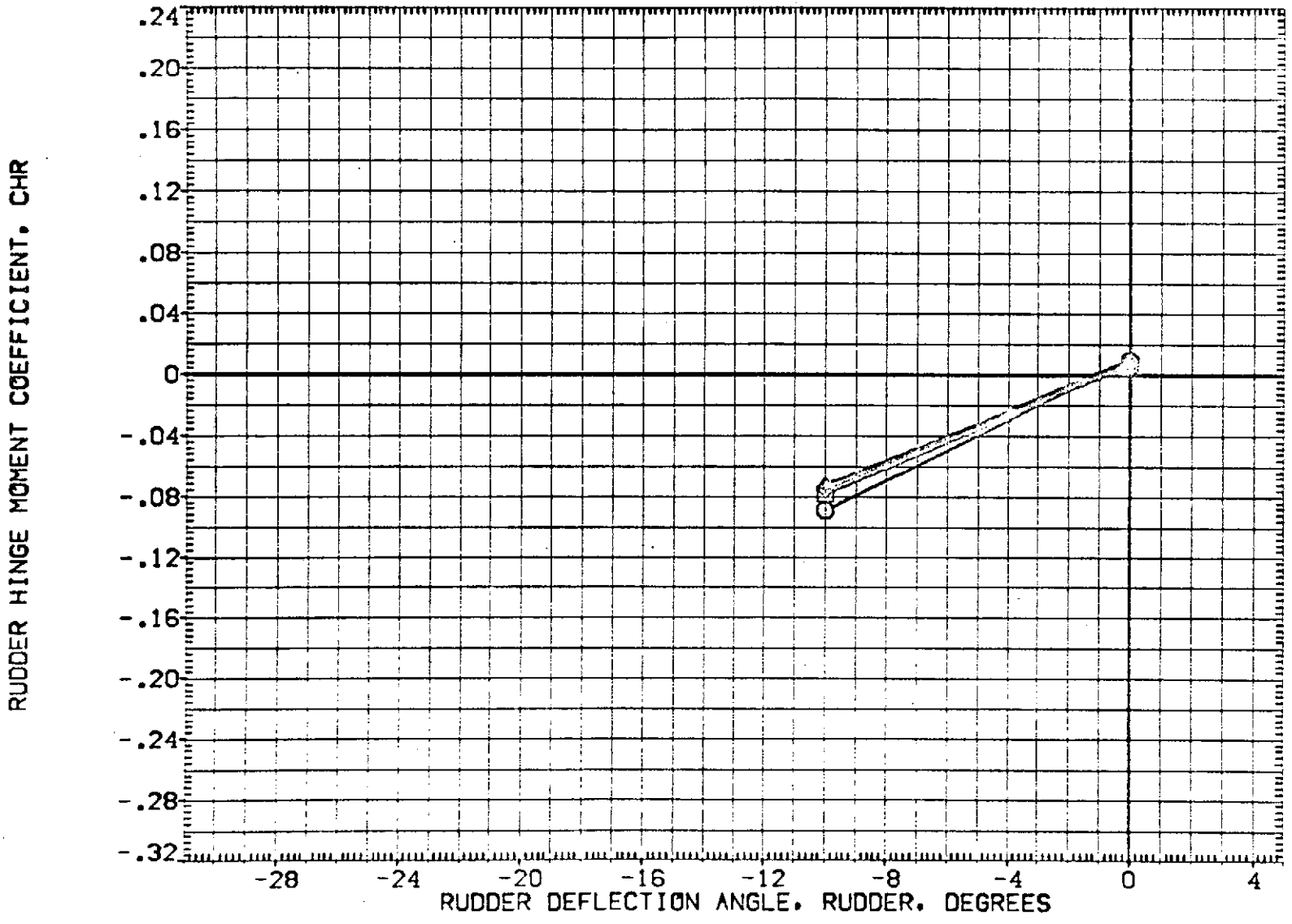


FIG 27 RUDDER EFFECTIVENESS DERIVATIVES, SPDBRK = 85 DEG.

SYMBOL	ALPHA		PARAMETRIC VALUES		
○	.000	MACH	.200	BETA	2.000
□	10.000	BDFLAP	-11.700	ELEVON	.000
◇	15.000	AILRON	.000	SPDBRK	85.000
△	20.000				

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.0300	INCHES
BREF	935.8000	INCHES
XMRP	1076.7000	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0300	

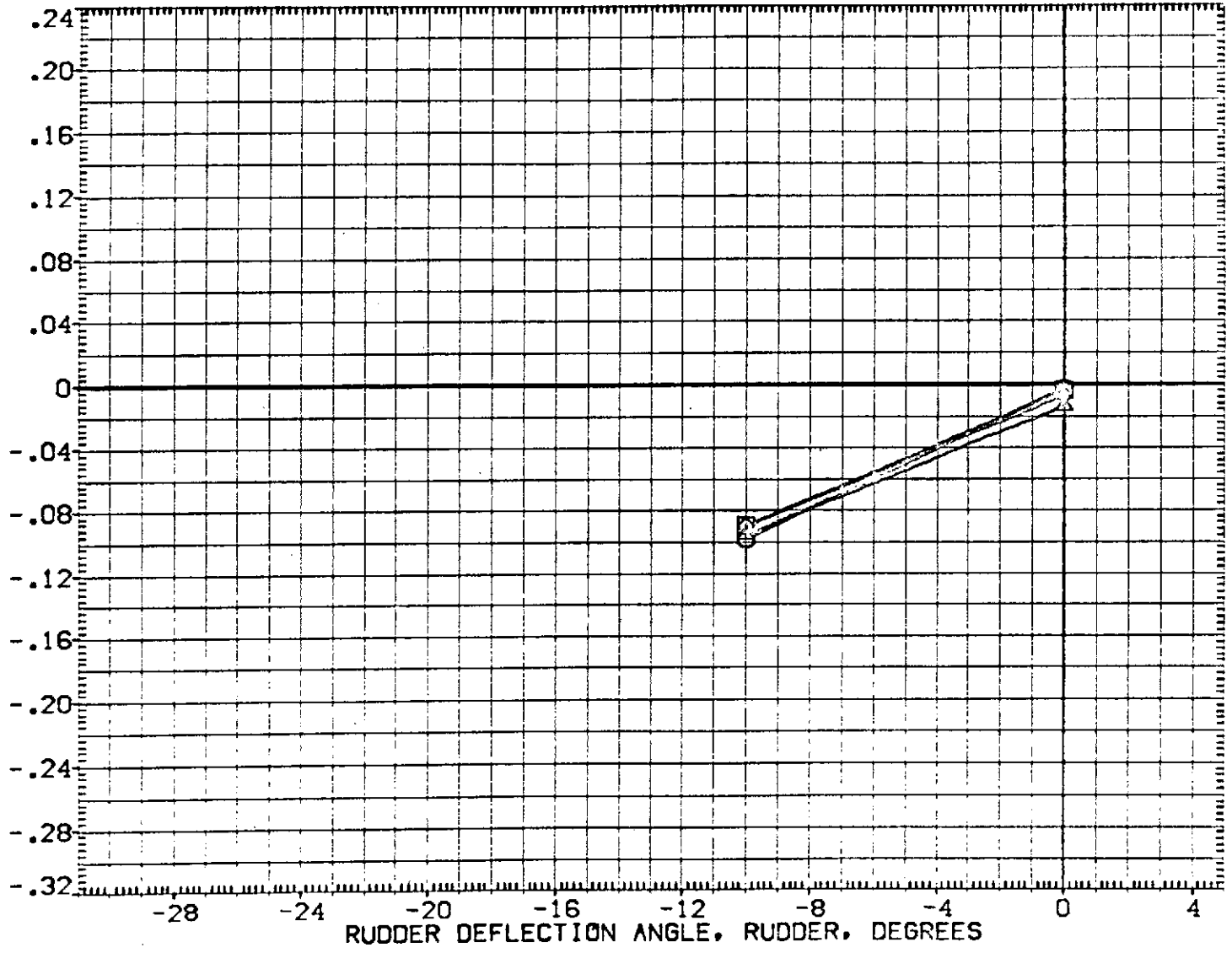


FIG 27 RUDDER EFFECTIVENESS DERIVATIVES, SPDBRK = 85 DEG.

0A37 B26 C9 F9 M7 W116 E37 V8 R5 (EF2060)

SYMBOL	ALPHA		PARAMETRIC VALUES		
○	.000	MACH	.260	BETA	4.000
□	10.000	BOFLAP	-11.700	ELEVON	.000
◇	15.000	AILRON	.000	SPDBRK	85.000
△	20.000				

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.0000	INCHES
BREF	930.0000	INCHES
XMRP	1070.7000	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0000	

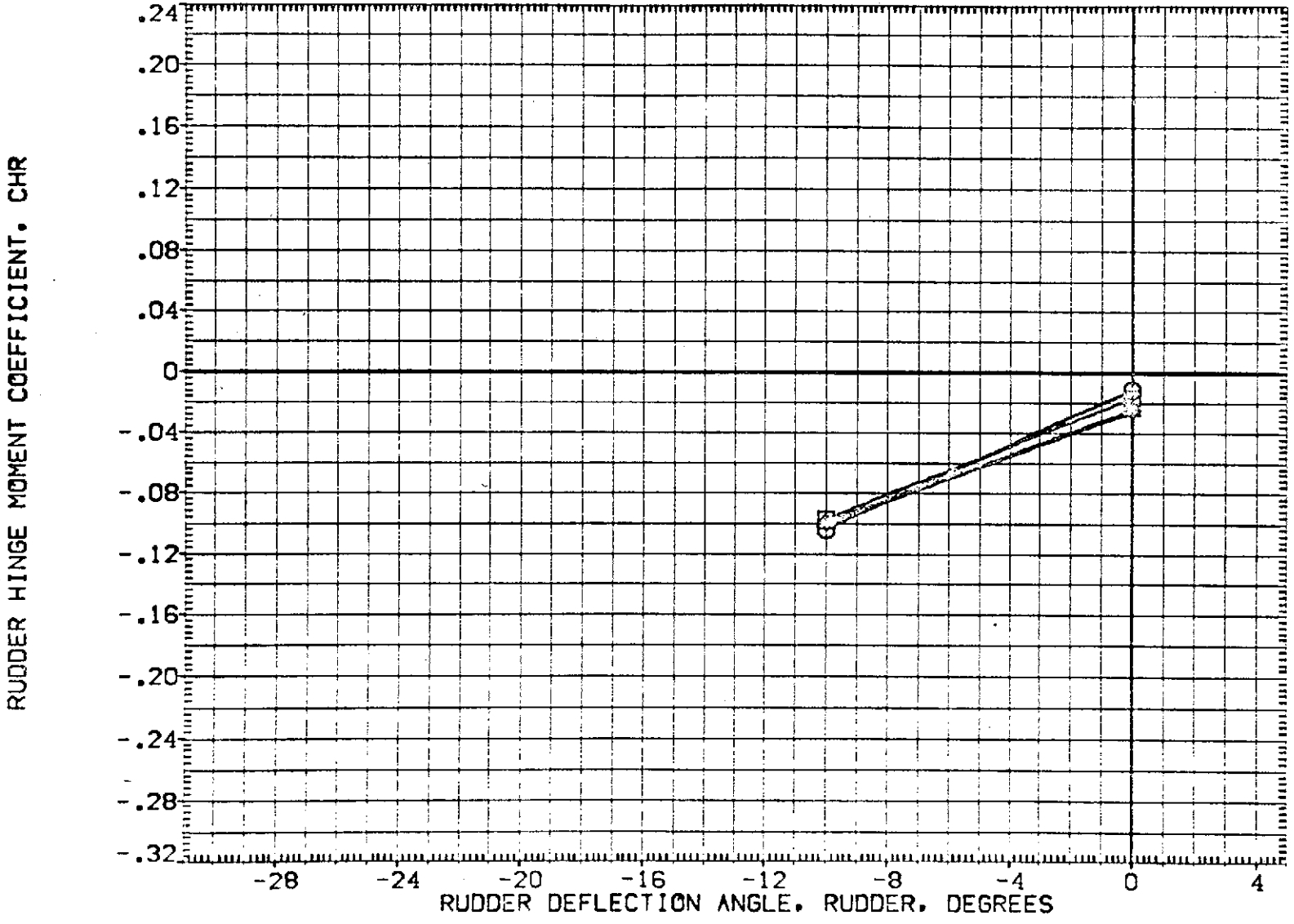


FIG 27 RUDDER EFFECTIVENESS DERIVATIVES, SPDBRK = 85 DEG.

0A37 B26 C9 F9 M7 W116 E37 V8 R5 (EF2060)

SYMBOL	ALPHA		PARAMETRIC VALUES		
○	.000	MACH	.260	BETA	6.000
□	10.000	BDFLAP	-11.700	ELEVON	.000
◇	15.000	AILRON	.000	SPOBRK	85.000
△	20.000				

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
LREF	474.6300	INCHES
BREF	936.0000	INCHES
XMRP	1070.7000	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0300	

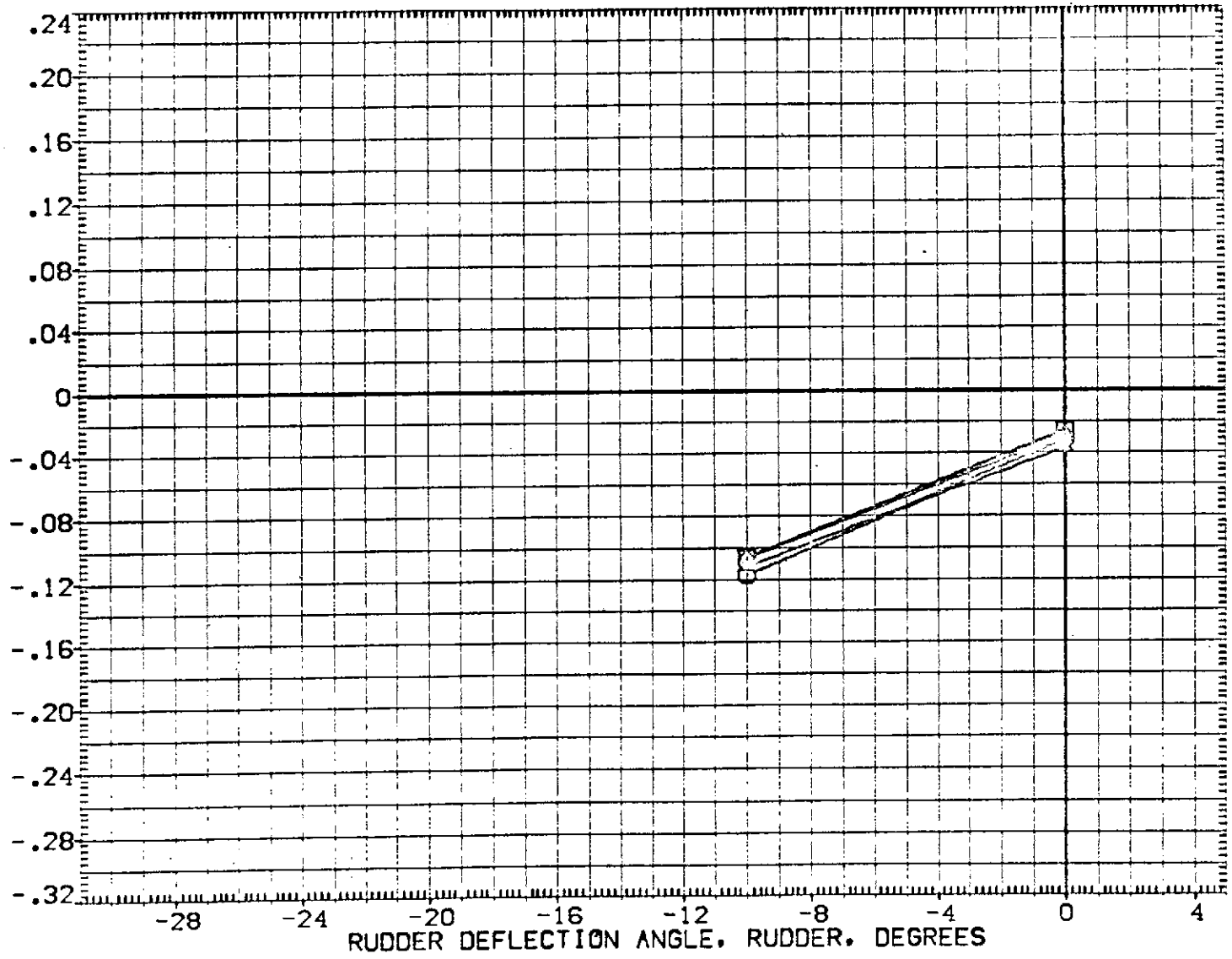


FIG 27 RUDDER EFFECTIVENESS DERIVATIVES, SPDBRK = 85 DEG.

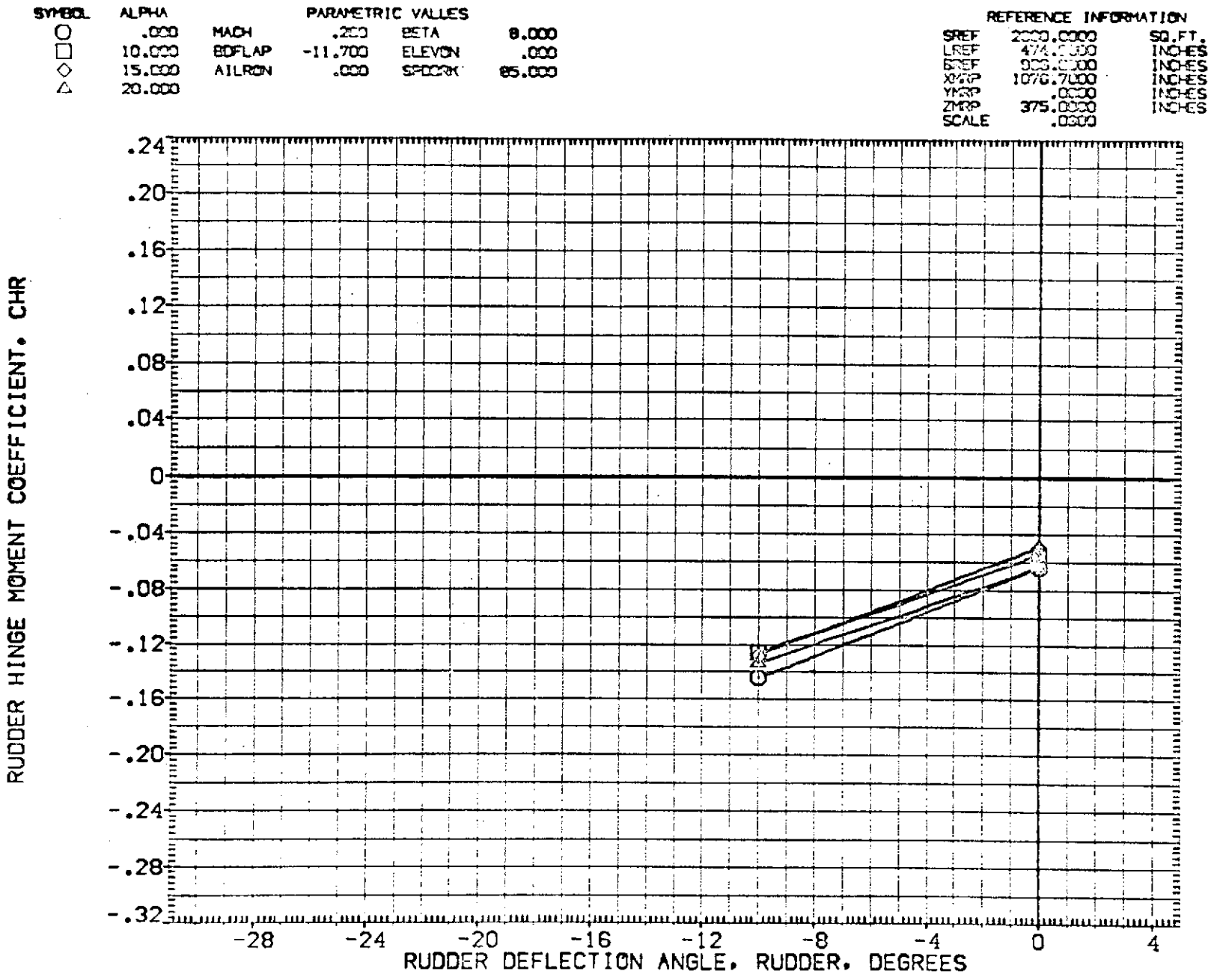


FIG 27 RUDDER EFFECTIVENESS DERIVATIVES, SPDBRK = 85 DEG.

0A37 B26 C9 F9 M7 W116 E37 V8 R5 (EF2060)

SYMBOL	ALPHA		PARAMETRIC VALUES		
○	.000	MACH	.260	BETA	10.000
□	10.000	BOFLAP	-11.700	ELEVON	.000
◇	15.000	AILRON	.000	SPDBRK	85.000
△	20.000				

REFERENCE INFORMATION

SREF	2090.0000	SQ.FT.
LREF	474.0000	INCHES
BREF	930.0000	INCHES
XMRP	1076.7000	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0000	

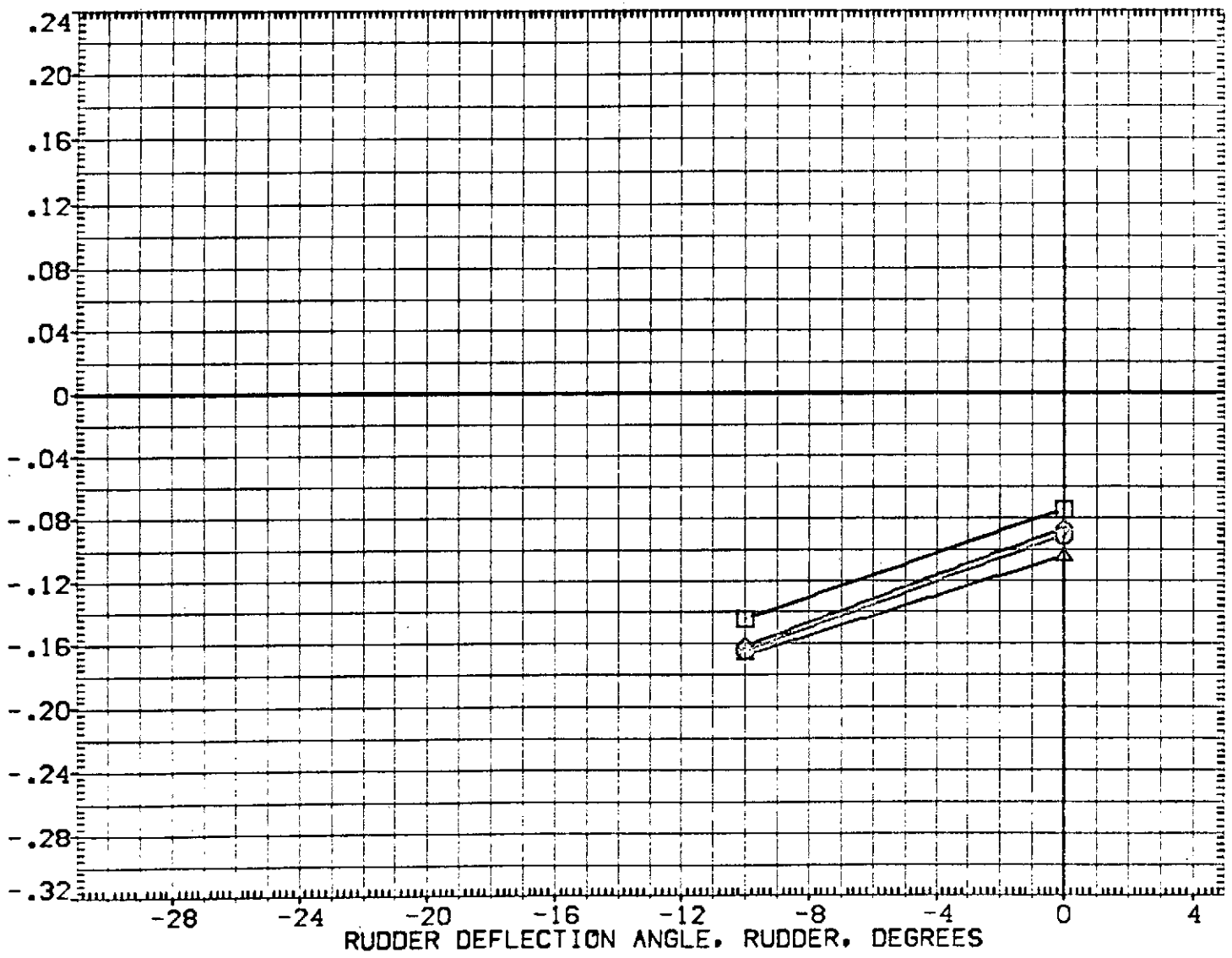


FIG 27 RUDDER EFFECTIVENESS DERIVATIVES, SPDBRK = 85 DEG.

0A37 B26 C9 F9 M7 W116 E37 V8 R5 (MF2060)

SYMBOL	DRUDER	PARAMETRIC VALUES			
○	-10.000	MACH	.200	BETA	-10.000
□	.000	ELEVON	.000	AILRON	.000
		BOFLAP	-11.700	SPDBRK	85.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.8000	INCHES
BREF	936.0000	INCHES
XMRP	1076.7000	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0300	

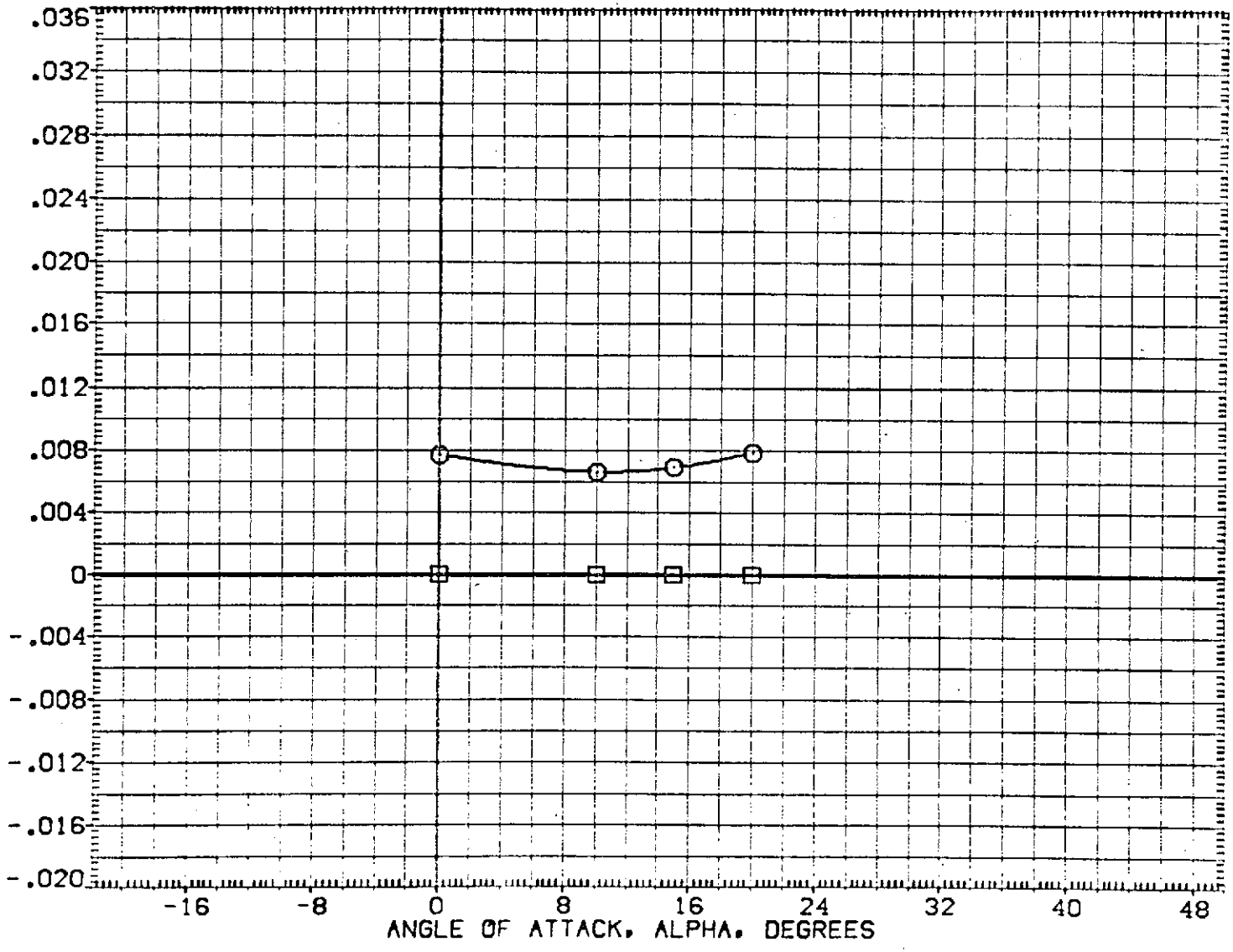


FIG 27 RUDDER EFFECTIVENESS DERIVATIVES, SPDBRK = 85 DEG.

SYMBOL	DRUDER	PARAMETRIC VALUES			
○	-10.000	MACH	.250	BETA	-0.000
□	.000	ELEVON	.000	AILRON	.000
		BOFLAP	-11.700	SPDBRK	85.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.0000	INCHES
BREF	935.0000	INCHES
XMRP	1073.7000	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0300	

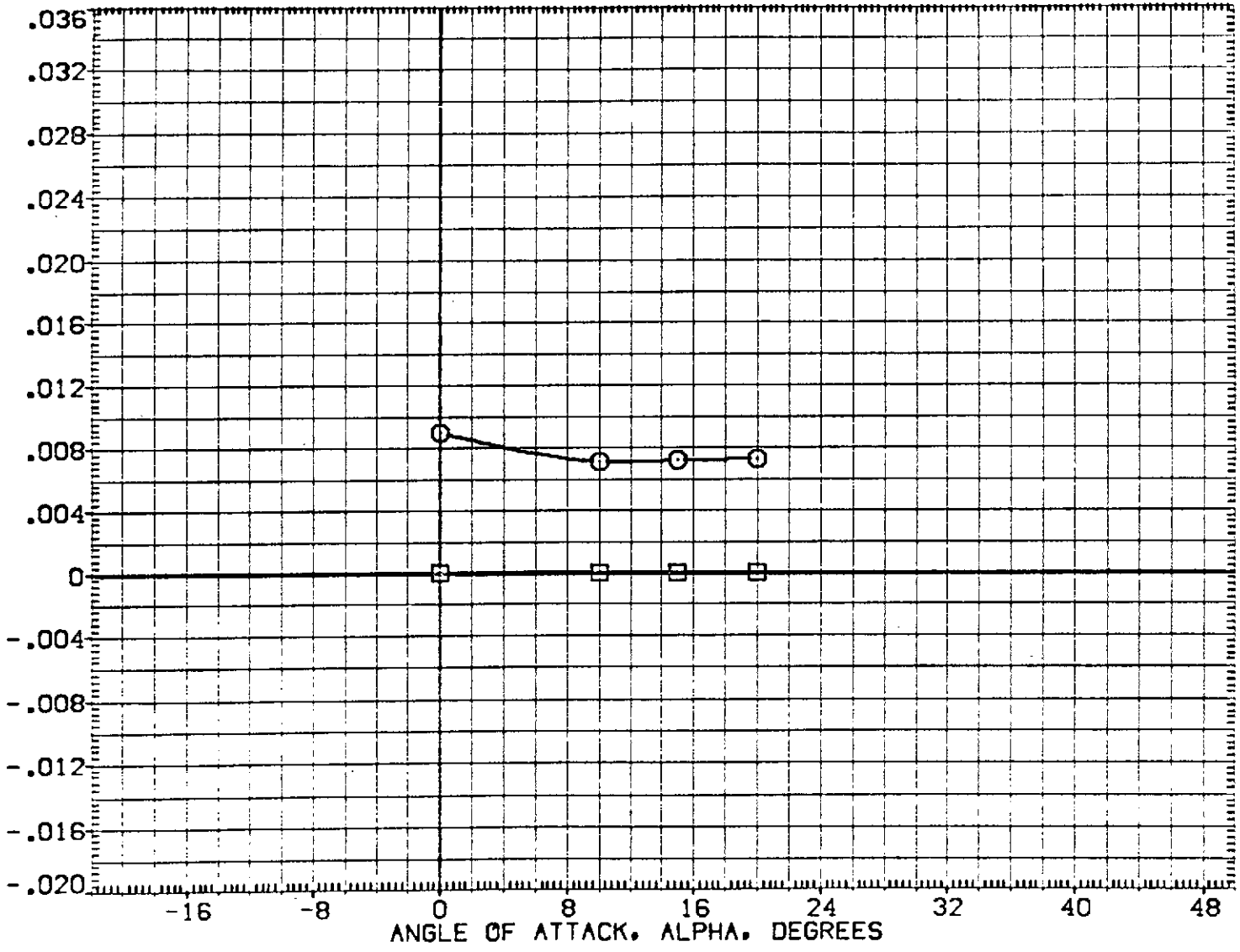


FIG 27 RUDDER EFFECTIVENESS DERIVATIVES, SPDBRK = 85 DEG.

0A37 B26 C9 F9 M7 W116 E37 V8 R5 (MF2060)

SYMBOL	ORUDER		PARAMETRIC VALUES		
○	-10.000	MACH	.250	BETA	-6.000
□	.000	ELEVON	.000	AILRON	.000
		BOFLAP	-11.700	SPDBRK	85.000

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
LREF	474.0000	INCHES
BREF	936.0000	INCHES
XMRP	1076.7000	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0500	

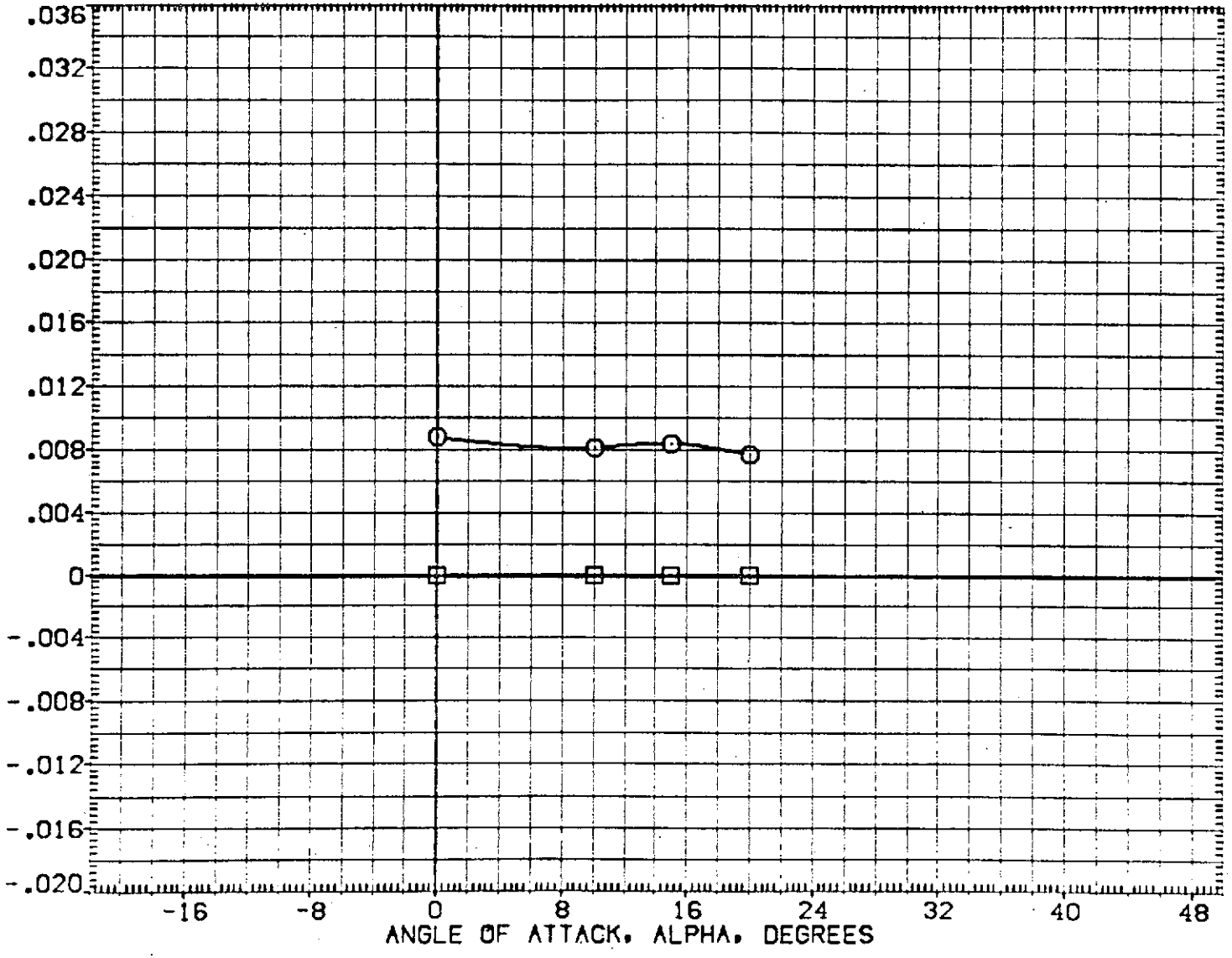


FIG 27 RUDDER EFFECTIVENESS DERIVATIVES, SPDBRK = 85 DEG.

SYMBOL	DRUDER	PARAMETRIC VALUES			
○	-10.000	MACH	.200	BETA	-4.000
□	.000	ELEVON	.000	AILRON	.000
		BDFLAP	-11.700	SPDBRK	85.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.8000	INCHES
BREF	936.8000	INCHES
XMRP	1076.7000	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0500	

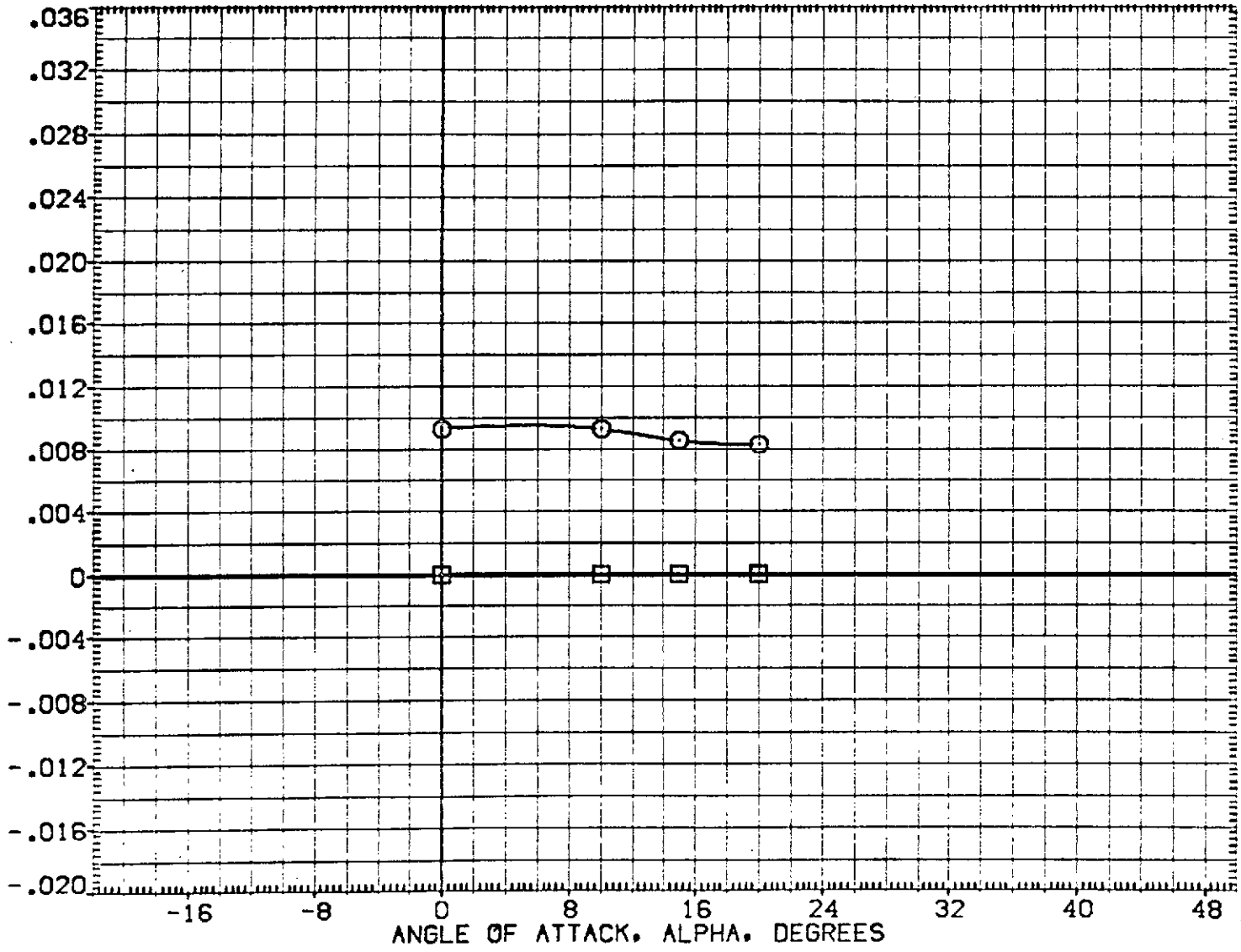


FIG 27 RUDDER EFFECTIVENESS DERIVATIVES, SPDBRK = 85 DEG.

0A37 B26 C9 F9 M7 W116 E37 V8 R5 (MF2060)

SYMBOL	DRUDER		PARAMETRIC VALUES		
○	-10.000	MACH	.260	BETA	-2.000
□	.000	ELEVON	.000	AILRON	.000
		BDFLAP	-11.700	SPDBRK	85.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.8000	INCHES
BREF	936.9000	INCHES
XMRP	1076.7000	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0000	

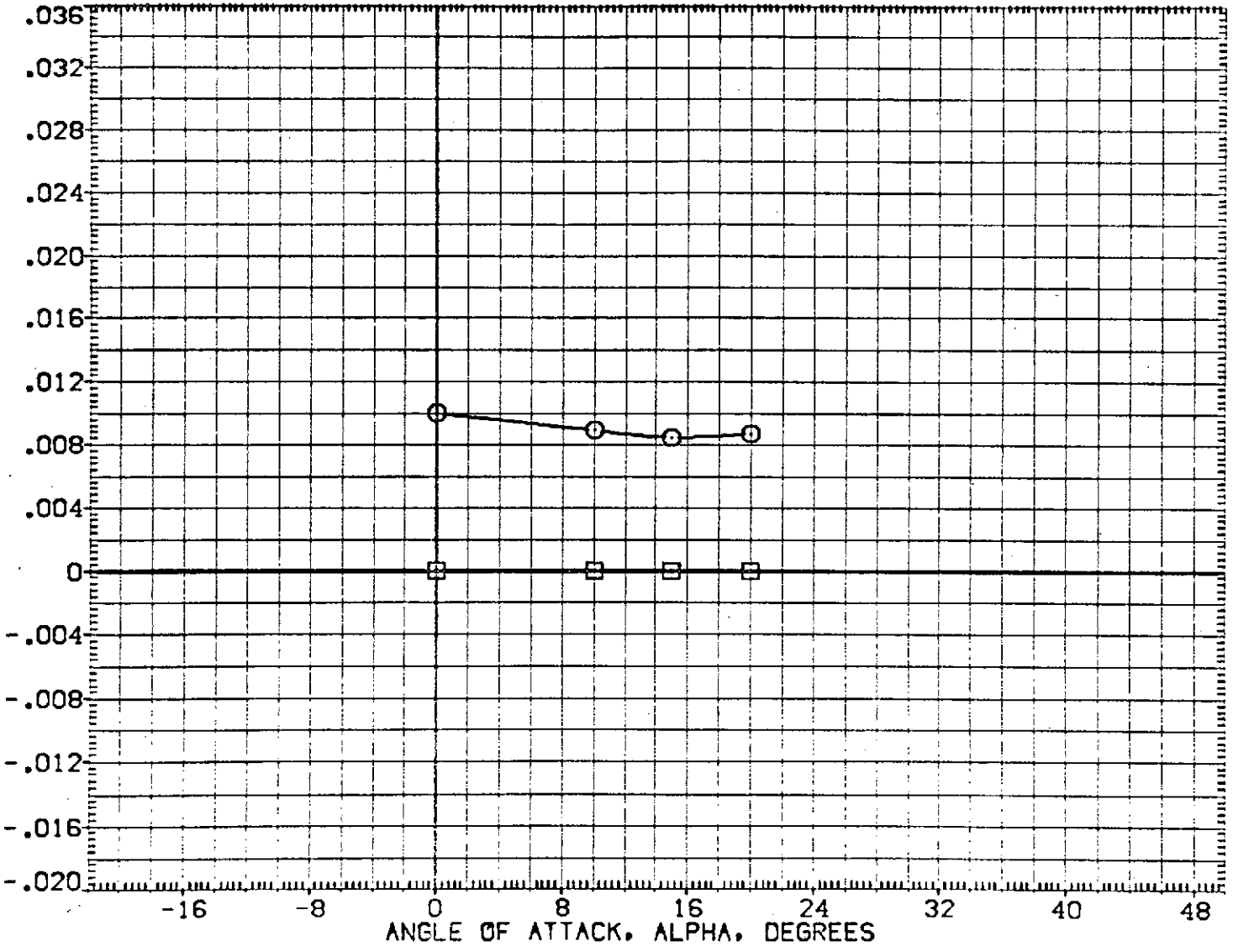


FIG 27 RUDDER EFFECTIVENESS DERIVATIVES, SPDBRK = 85 DEG.

SYMBOL	DRUDER
○	-10.000
□	.000

PARAMETRIC VALUES

MACH	.200	BETA	.000
ELEVON	.000	AILRON	.000
BDFLAP	-11.700	SPDBRK	85.000

REFERENCE INFORMATION

SREF	2000.0000	SQ.FT.
LREF	474.7000	INCHES
BREF	999.0000	INCHES
XMRP	1076.7000	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0500	

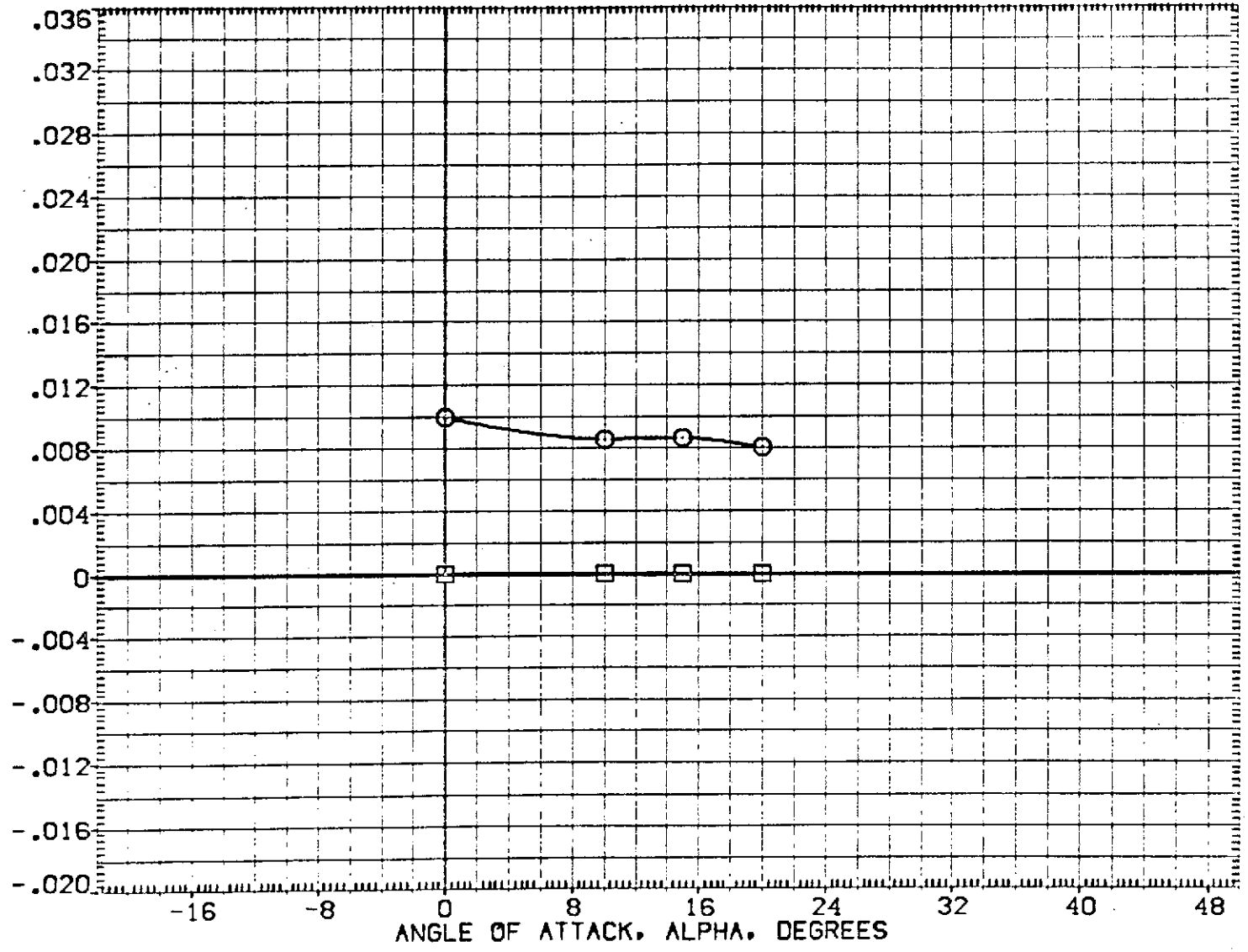


FIG 27 RUDDER EFFECTIVENESS DERIVATIVES, SPDBRK = 85 DEG.

0A37 B26 C9 F9 M7 W116 E37 V8 R5 (MF2060)

SYMBOL	DRUDER	PARAMETRIC VALUES			
○	-10.000	MACH	.260	BETA	2.000
□	.000	ELEVON	.000	AILRON	.000
		EDFLAP	-11.700	SPDBRK	85.000

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
LREF	474.0300	INCHES
BREF	935.8000	INCHES
XMRP	1076.7000	INCHES
YMRP	.0000	INCHES
ZMRP	375.0300	INCHES
SCALE	.0300	

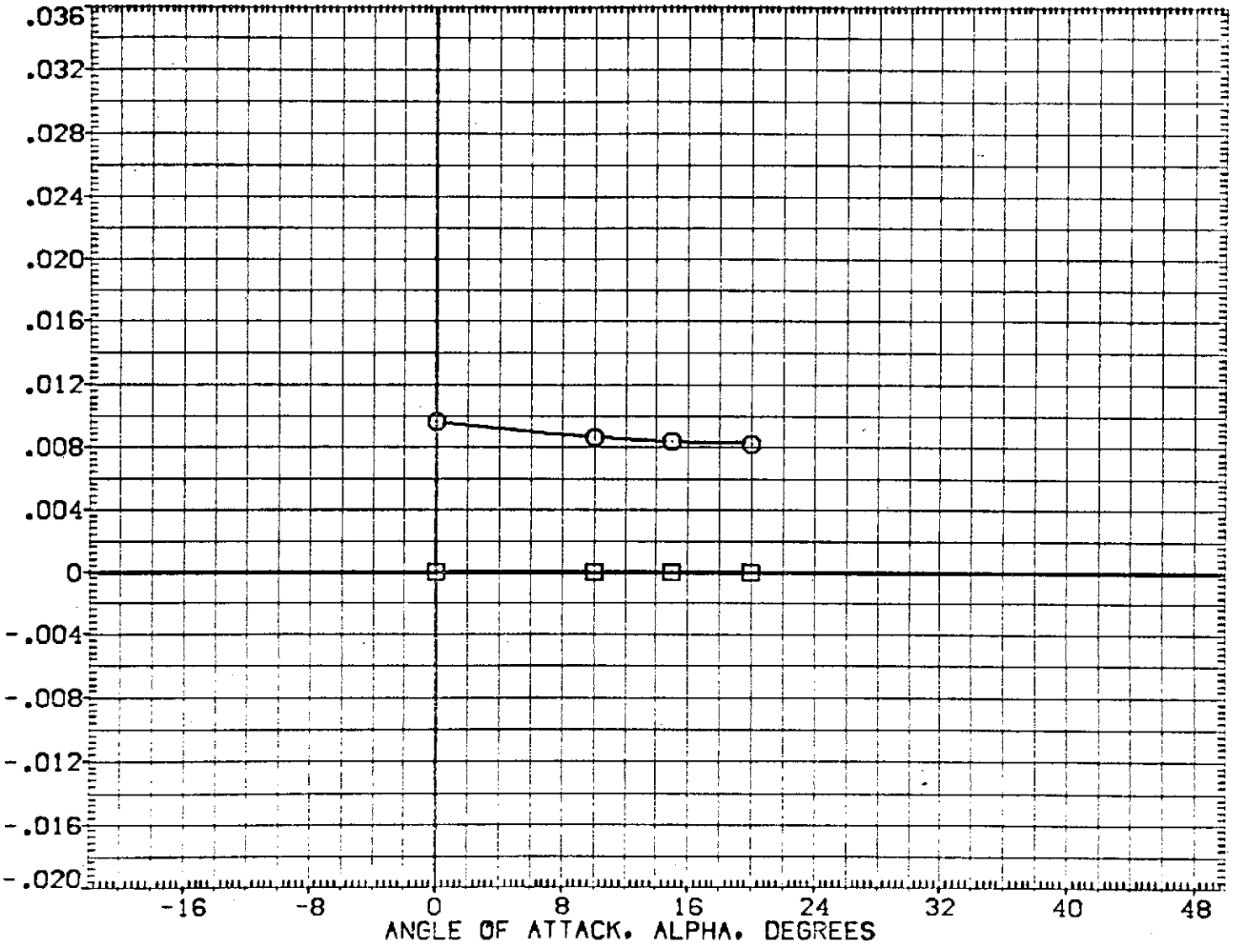


FIG 27 RUDDER EFFECTIVENESS DERIVATIVES, SPDBRK = 85 DEG.

0A37 B26 C9 F9 M7 W116 E37 V8 R5 (MF2060)

SYMBOL	DRUDER		PARAMETRIC VALUES		
○	-10.000	MACH	.260	BETA	4.000
□	.000	ELEVON	.000	AILRON	.000
		BOFLAP	-11.700	SPOBRK	85.000

REFERENCE INFORMATION		
SREF	2650.0000	SQ.FT.
LREF	474.8300	INCHES
BREF	905.0000	INCHES
XMRP	1076.7000	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0300	

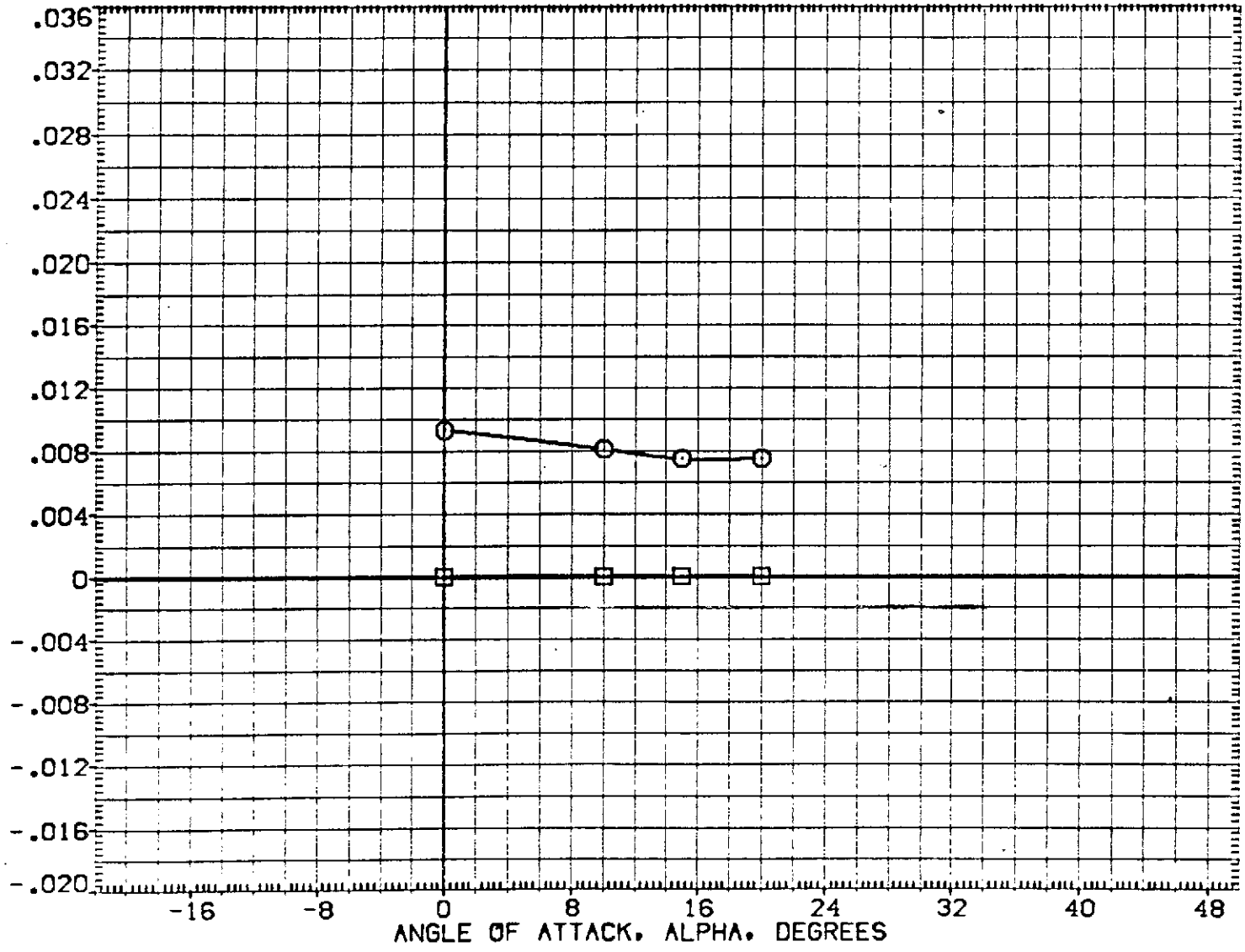


FIG 27 RUDDER EFFECTIVENESS DERIVATIVES, SPOBRK = 85 DEG.

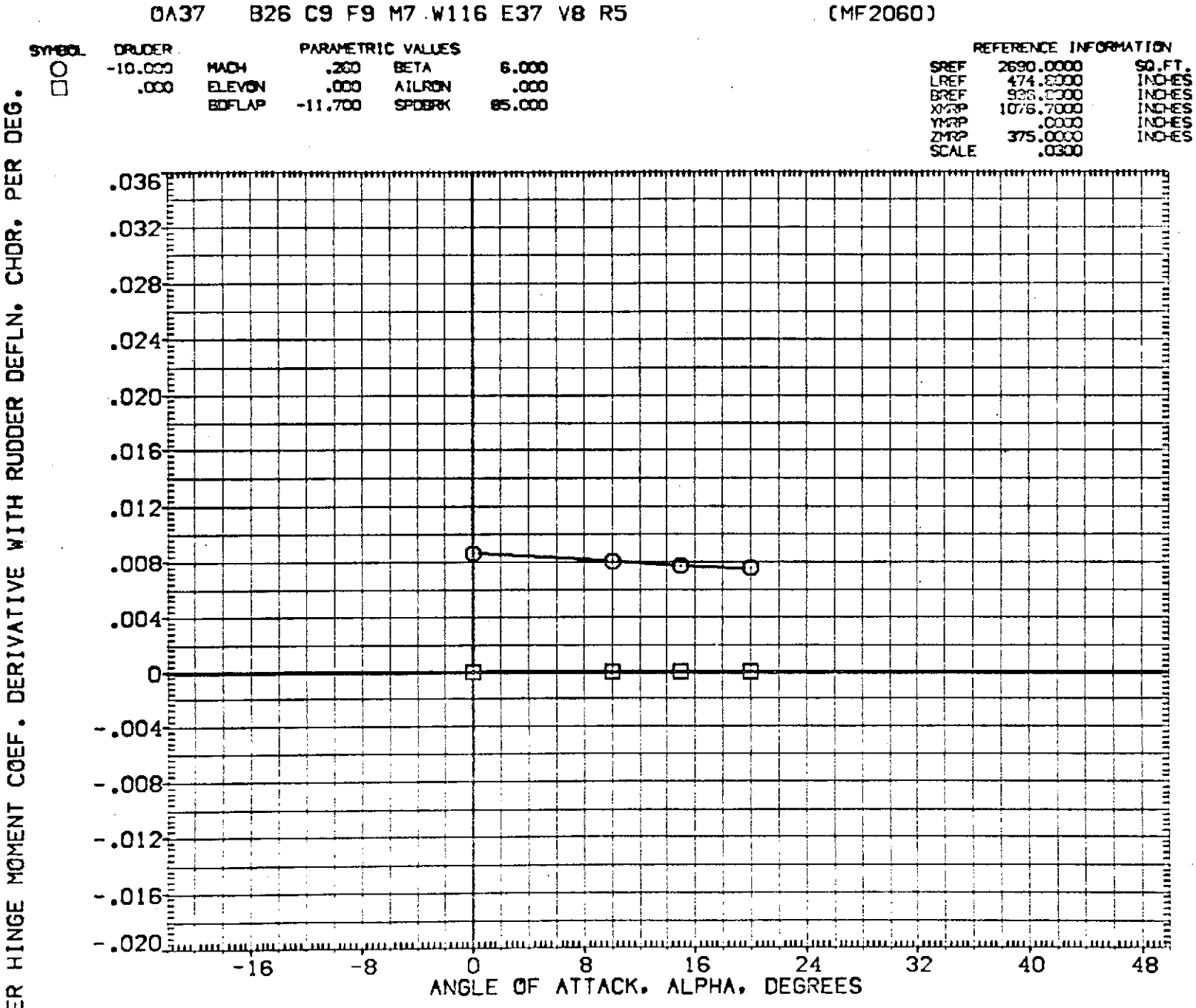


FIG 27 RUDDER EFFECTIVENESS DERIVATIVES, SPDBRK = 85 DEG.

SYMBOL	DRUDER	PARAMETRIC VALUES			
○	-10.000	MACH	.250	BETA	8.000
□	.000	ELEVON	.000	AILRON	.000
		BDFLAP	-11.700	SPDBRK	85.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.0000	INCHES
BREF	935.6000	INCHES
XMRP	1070.7000	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0300	

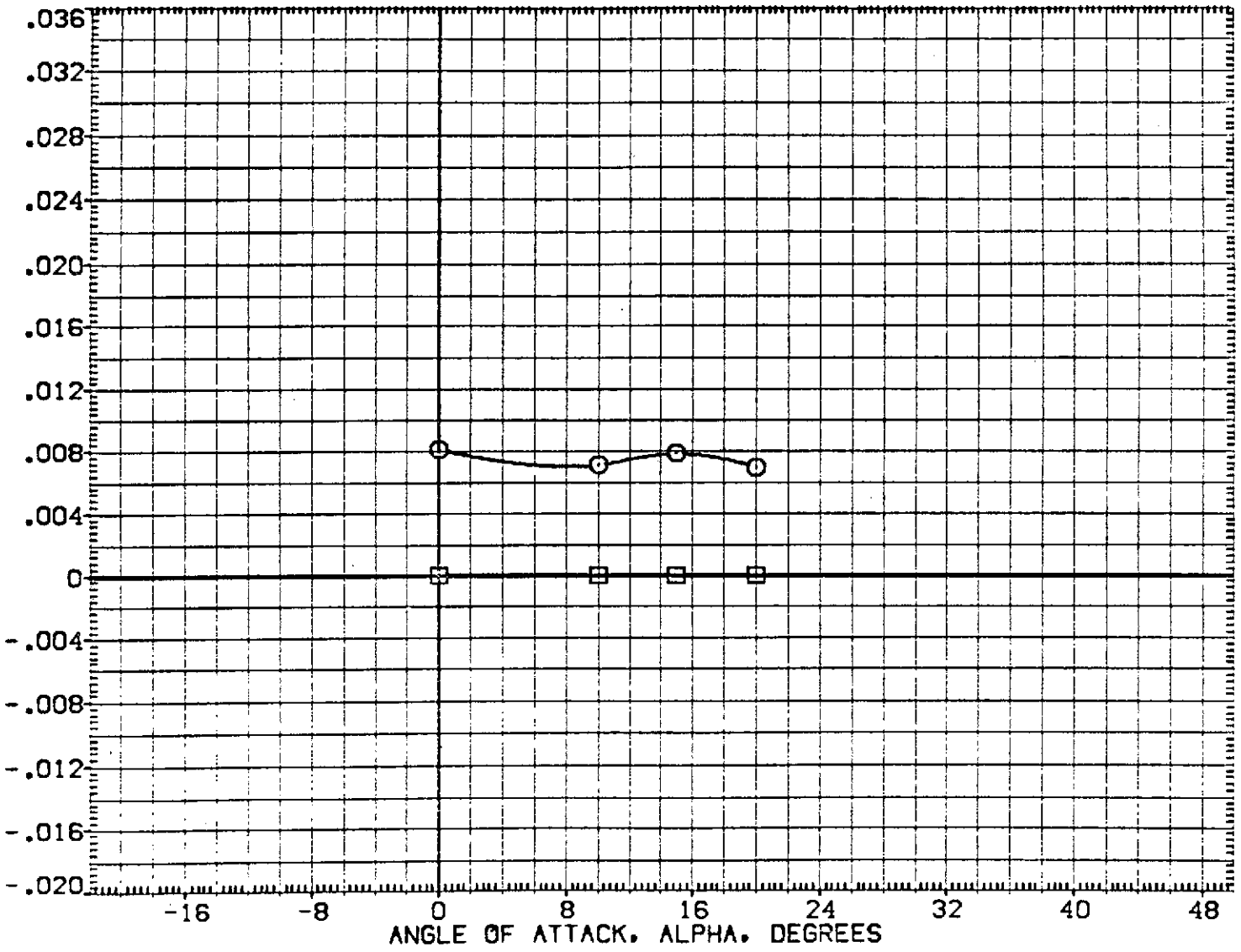


FIG 27 RUDDER EFFECTIVENESS DERIVATIVES, SPDBRK = 85 DEG.

0A37 B26 C9 F9 M7 W116 E37 V8 R5 (MF2060)

SYMBOL	DRUDER		PARAMETRIC VALUES		
○	-10.000	MACH	.200	BETA	10.000
□	.000	ELEVON	.000	AILRON	.000
		BDFLAP	-11.700	SPDBRK	85.000

REFERENCE INFORMATION

SREF	2090.0000	SQ.FT.
LREF	474.6000	INCHES
BREF	935.8000	INCHES
XMRP	1078.7000	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0300	

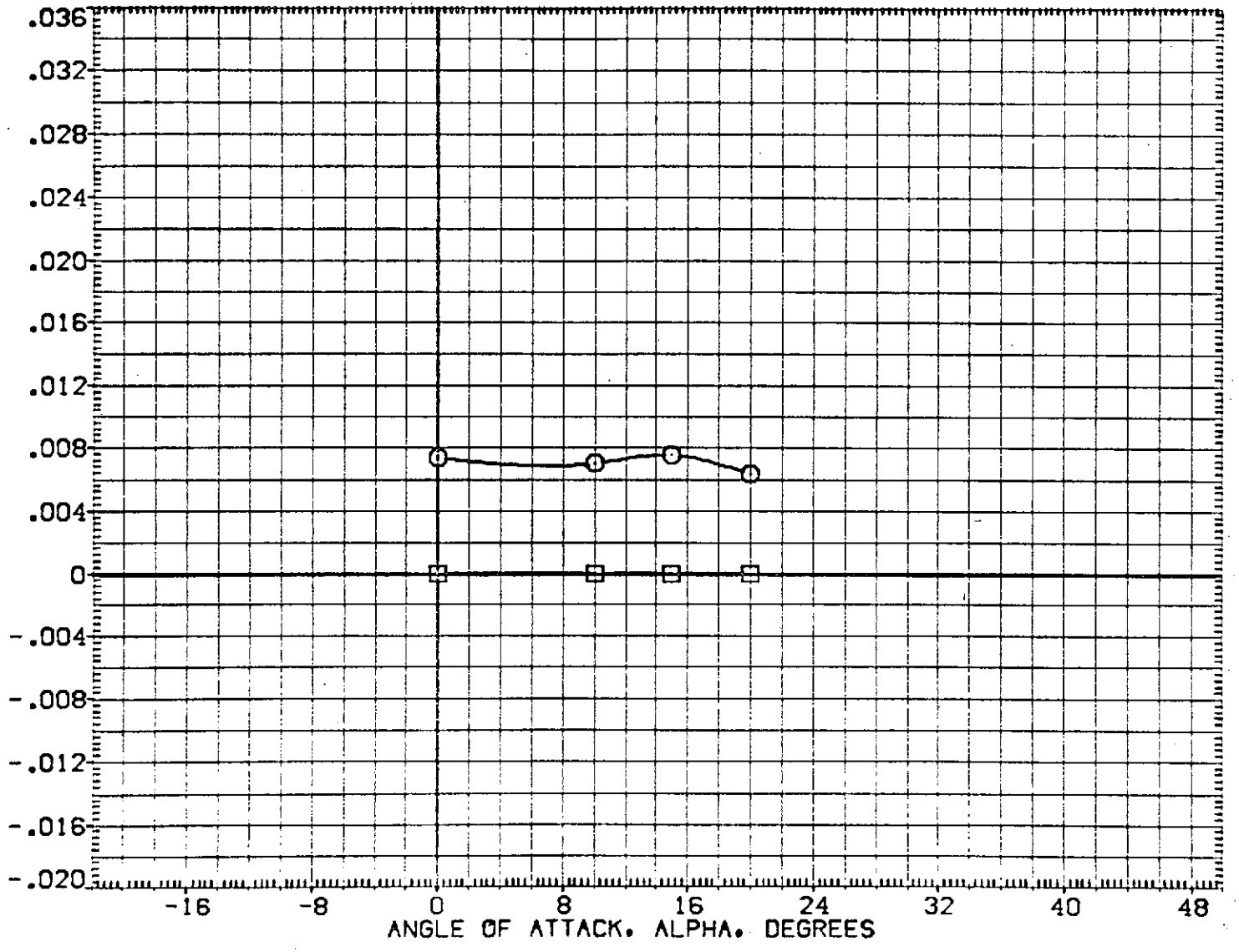


FIG 27 RUDDER EFFECTIVENESS DERIVATIVES. SPDBRK = 85 DEG.

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELEVON	BDFLAP	SPDBRK	RUDDER
[RF2027] ⊡	0A37 B26 C9 F9 H7 V11GE37V8 R5	.000	-12.000	55.000	.000
[RF2034] ⊟	0A37 B26 C9 F9 H7 V11GE37V8 R5	15.000	-12.000	55.000	.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.8000	INCHES
BREF	936.8000	INCHES
XMRP	1076.7000	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0300	SCALE

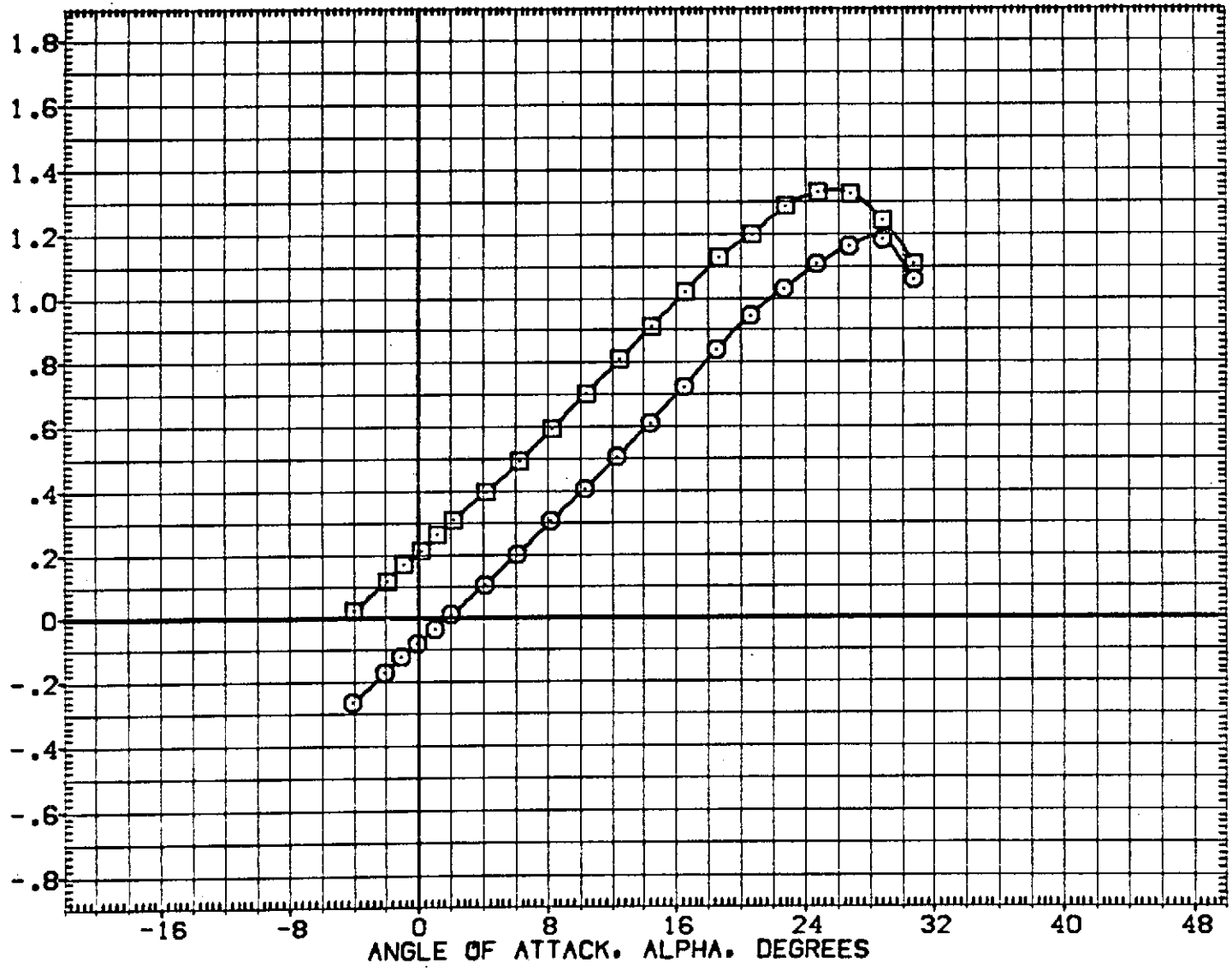


FIG 28 ELEVON EFFECTIVENESS, SPDBRK = 55 DEG., BDFLAP = -11.7 DEG.

(A)MACH = .26

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
[RF2027]	○	0A37 B2G C9 F9 M7 W11GE37V8 R5
[RF2034]	□	0A37 B2G C9 F9 M7 W11GE37V8 R5

ELEVON	BDFLAP	SPDBRK	RUDDER
.000	-12.000	55.000	.000
15.000	-12.000	55.000	.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.6000	INCHES
BREF	935.8000	INCHES
XMRP	1076.7000	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0300	SCALE

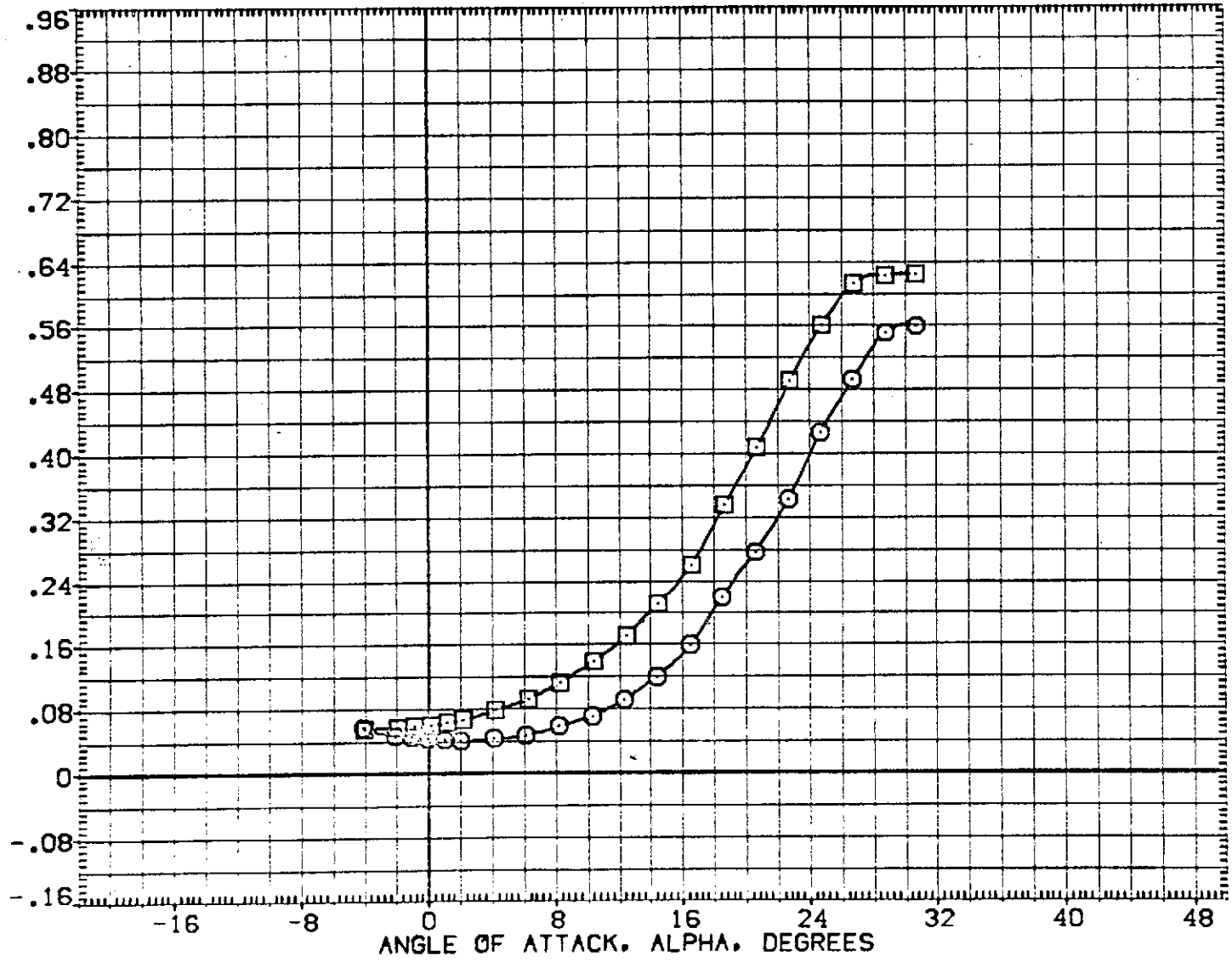


FIG 28 ELEVON EFFECTIVENESS, SPDBRK = 55 DEG., BDFLAP = -11.7 DEG.

(A)MACH = .26

DATA SET SYMBOL		CONFIGURATION DESCRIPTION	ELEVON	BDFLAP	SPDBRK	RUDDER
[RF2027]	○	0A37 B26 C9 F9 H7 V11GE37V8 R5	.000	-12.000	55.000	.000
[RF2034]	□	0A37 B26 C9 F9 H7 V11GE37V8 R5	15.000	-12.000	55.000	.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.0000	INCHES
BREF	933.0000	INCHES
XMRP	1076.7000	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0300	SCALE

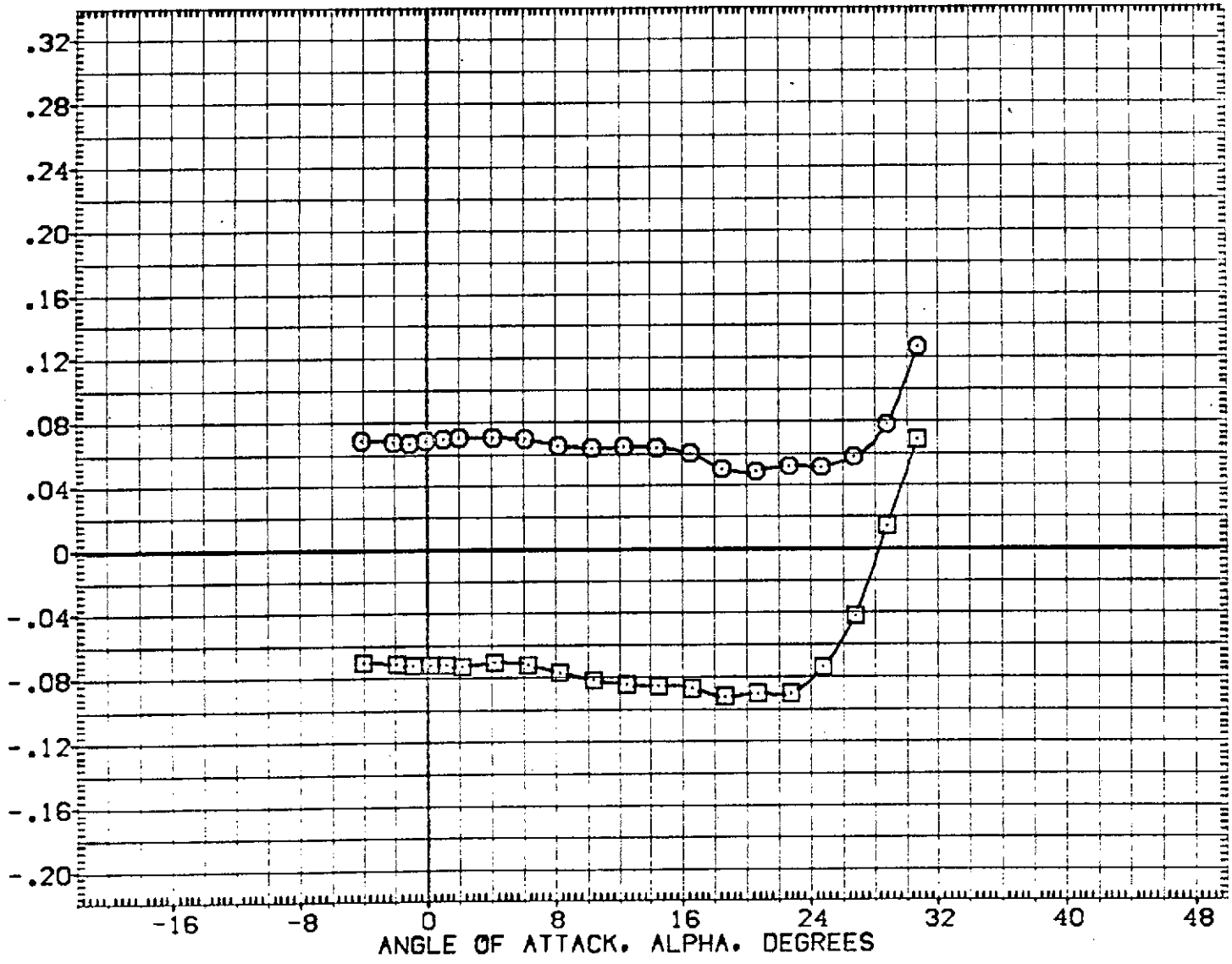


FIG 28 ELEVON EFFECTIVENESS, SPDBRK = 55 DEG., BDFLAP = -11.7 DEG.

(A)MACH = .26

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ELEVON	BDFLAP	SPDBRK	RUDDER
(BF2027)	○	BA37 B2G C9 F9 M7 W116 E37 V8 R5	.000	-11.700	55.000	.000
(BF2034)	□	BA37 B2G C9 F9 M7 W116 E37 V8 R5	15.000	-11.700	55.000	.000

REFERENCE INFORMATION		
SREF	2090.0000	SQ.FT.
LREF	474.0000	INCHES
BREF	936.0000	INCHES
XMRP	1078.7000	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0300	

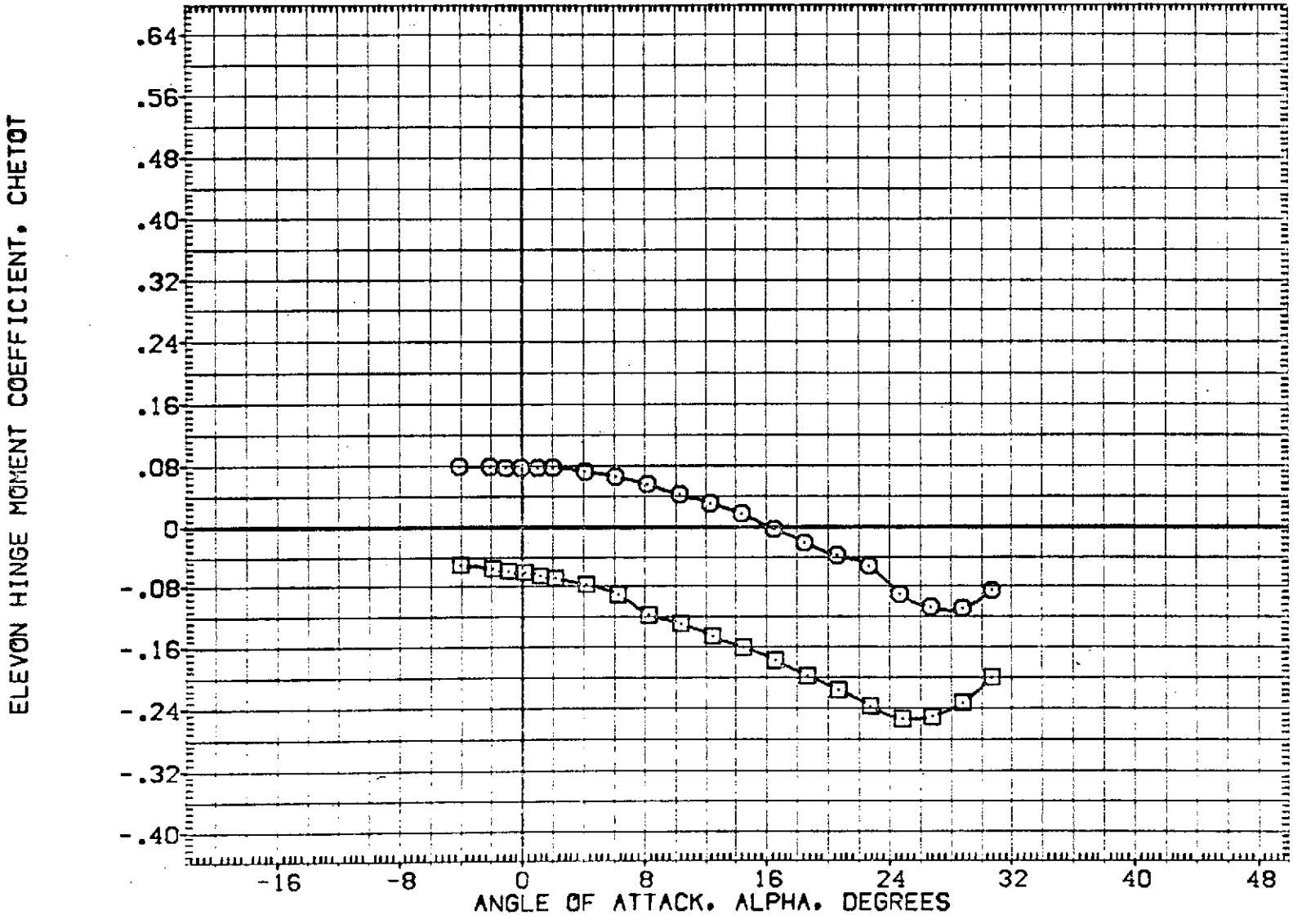


FIG 28 ELEVON EFFECTIVENESS, SPDBRK = 55 DEG., BDFLAP = -11.7 DEG.

(A)MACH = .26

DATA SET SYMBOL	CONFIGURATION DESCRIPTION
(NF2027) ○	0A37 B2G C9 F9 M7 V116 E37 V8 R5
(NF2034) □	0A37 B2G C9 F9 M7 V116 E37 V8 R5

DELVON	BDFLAP	SPDBRK	RUDDER
.000	-11.700	55.000	.000
15.000	-11.700	55.000	.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.8000	INCHES
BREF	935.0000	INCHES
XMRP	1076.7000	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0300	

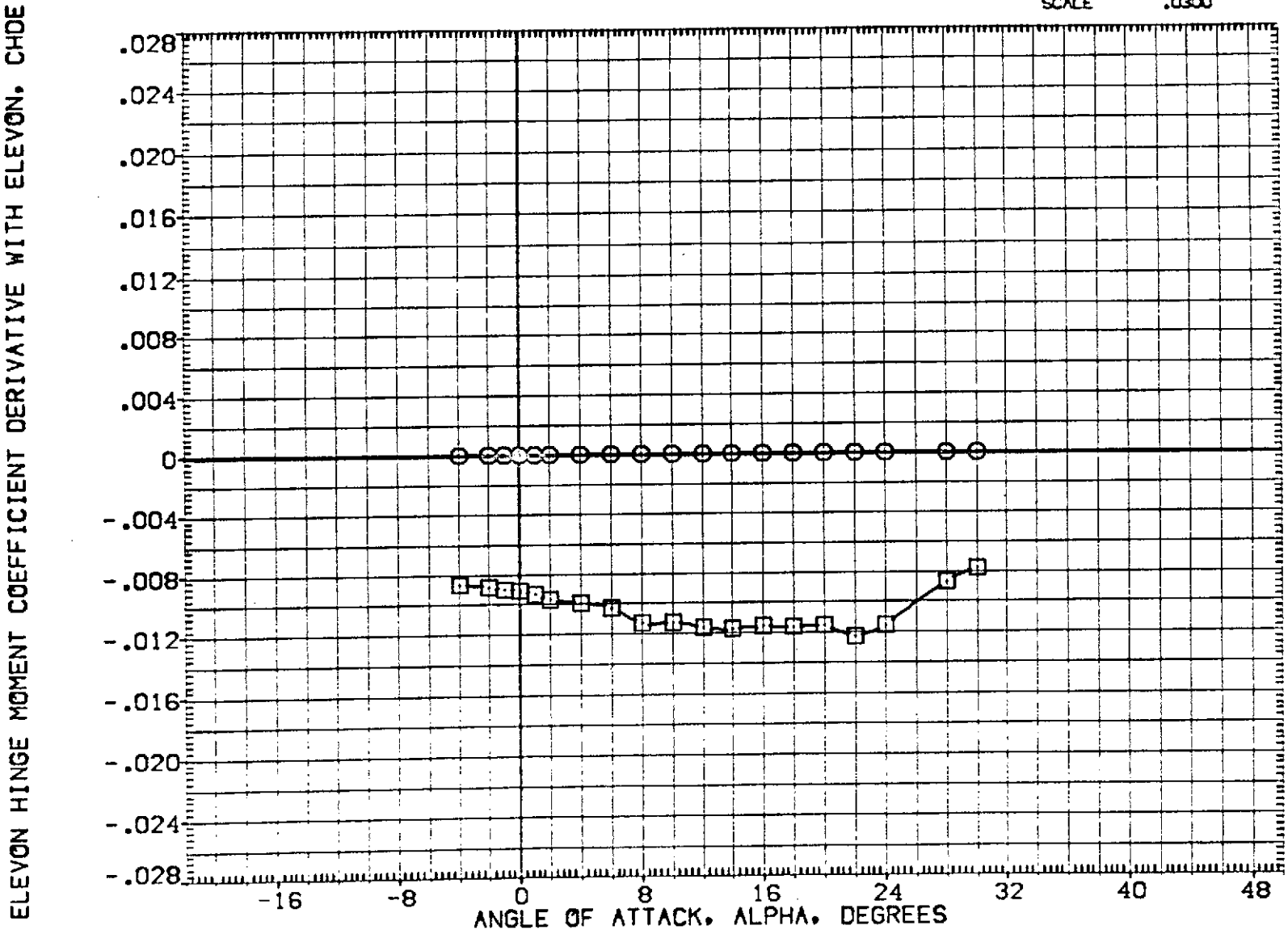


FIG 28 ELEVON EFFECTIVENESS, SPDBRK = 55 DEG., BDFLAP = -11.7 DEG.

(A)MACH = .26

SYMBOL	ALPHA		PARAMETRIC VALUES			DATA SOURCE				REFERENCE INFORMATION		
○	-4.000	MACH	.200	AILRON	.000	DATASET	DELVON	DATASET	DELVON	SREF	2600.0000	SQ.FT.
□	-2.000	BDFLAP	-12.000	RUDDER	.000	FF2027	.000	FF2034	15.000	LREF	474.0000	INCHES
◇	-1.000	SPDBRK	55.000	BETA	.000					BREF	900.0000	INCHES
△	.000									XMRP	1078.7000	INCHES
◺	1.000									YMRP	.0000	INCHES
										ZMRP	375.0000	INCHES
										SCALE	.0300	SCALE

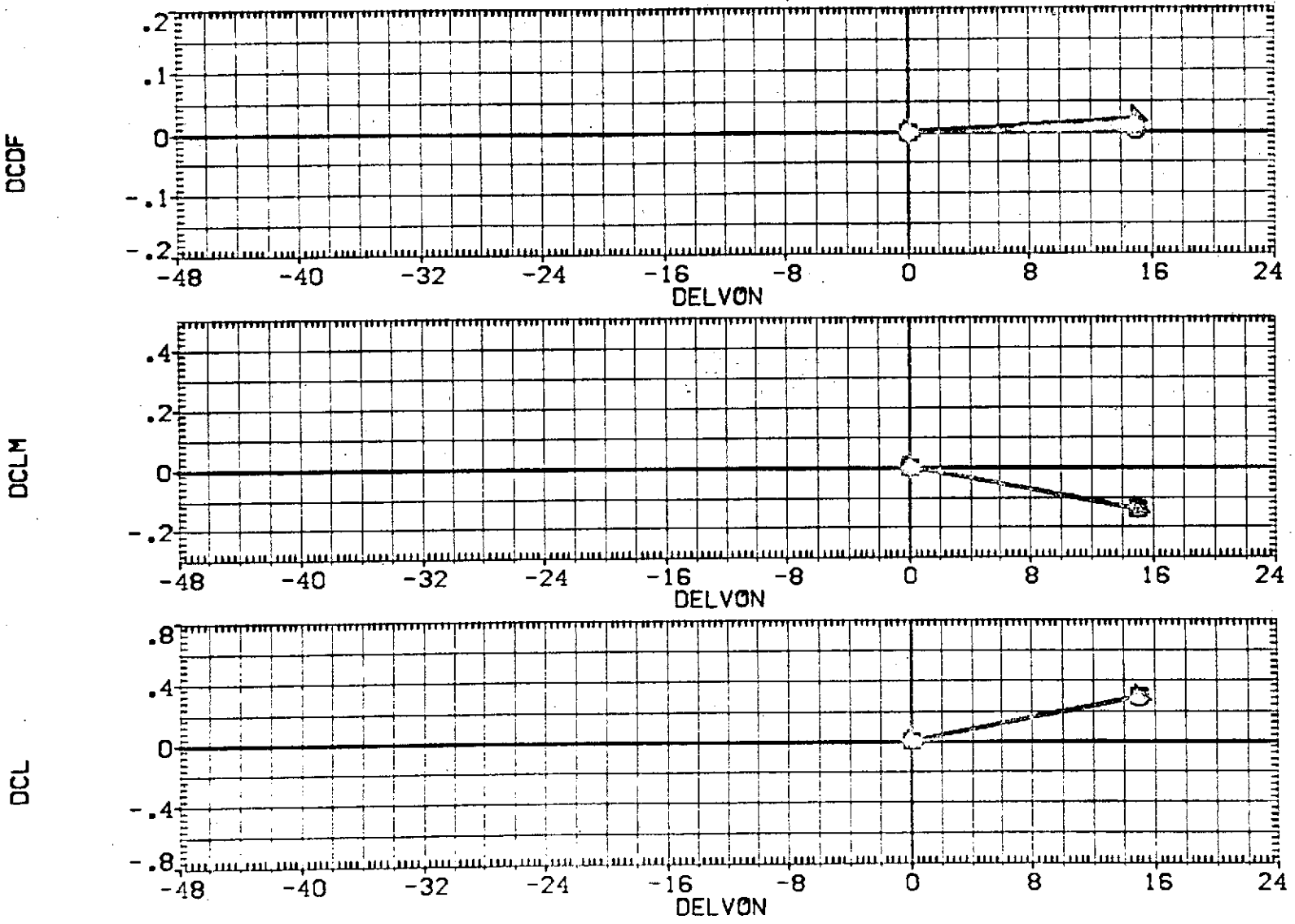


FIG 28 ELEVON EFFECTIVENESS, SPDBRK = 55 DEG., BDFLAP = -11.7 DEG.

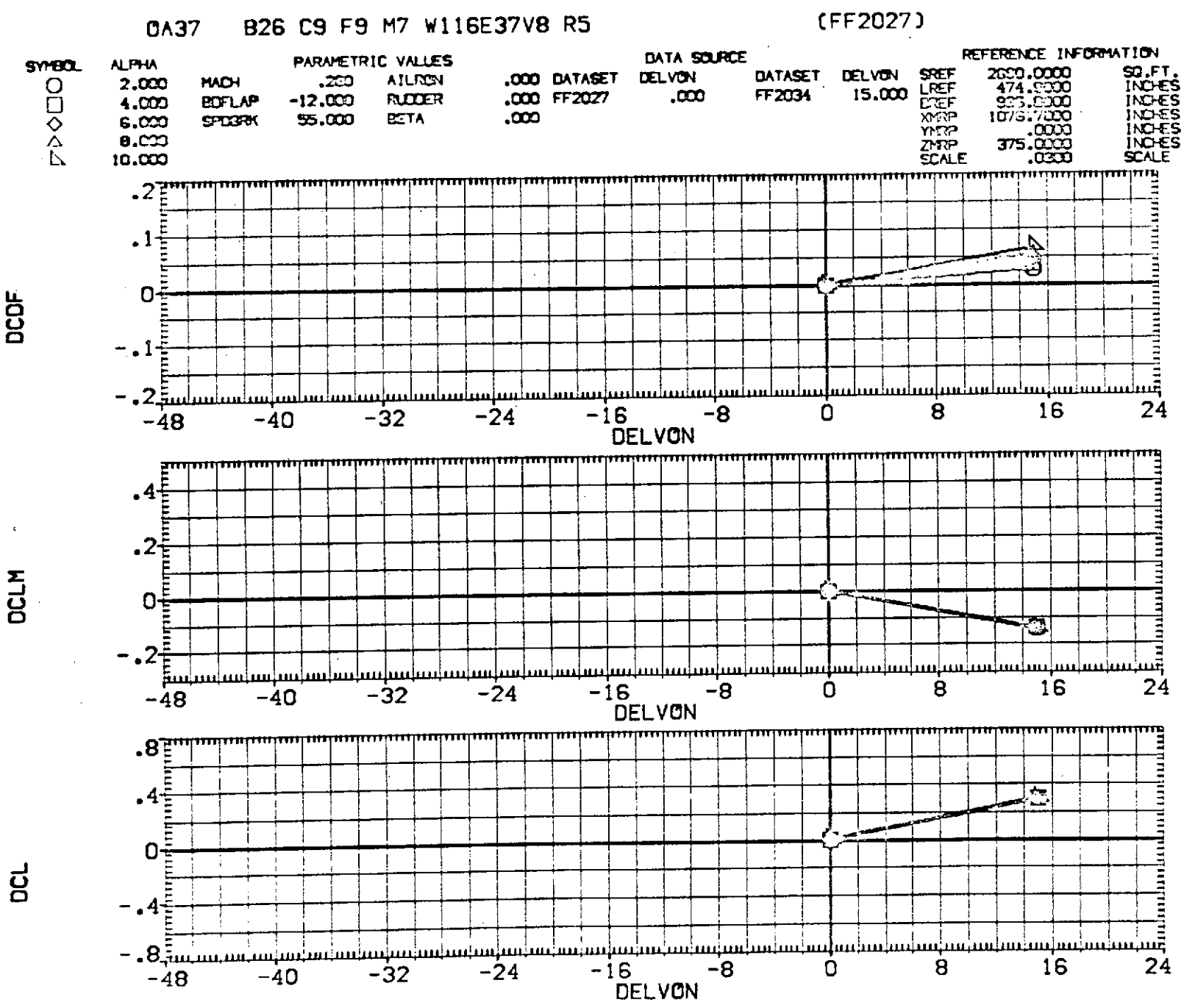


FIG 28 ELEVON EFFECTIVENESS, SPDBRK = 55 DEG., BDFLAP = -11.7 DEG.

0A37 B26 C9 F9 M7 W116E37V8 R5 (FF2027)

SYMBOL	ALPHA	PARAMETRIC VALUES				DATA SOURCE				REFERENCE INFORMATION		
○	12.000	MACH	.200	AILRON	.000	DATASET	DELVON	DATASET	DELVON	SREF	2690.0000	SQ.FT.
□	14.000	BDFLAP	-12.000	RUDDER	.000	FF2027	.000	FF2034	15.000	LREF	474.0000	INCHES
◇	16.000	SPDBRK	55.000	BETA	.000					BREF	936.0000	INCHES
△	18.000									XMRP	1078.7000	INCHES
◺	20.000									YMRP	.0000	INCHES
										ZMRP	375.0000	INCHES
										SCALE	.0300	SCALE

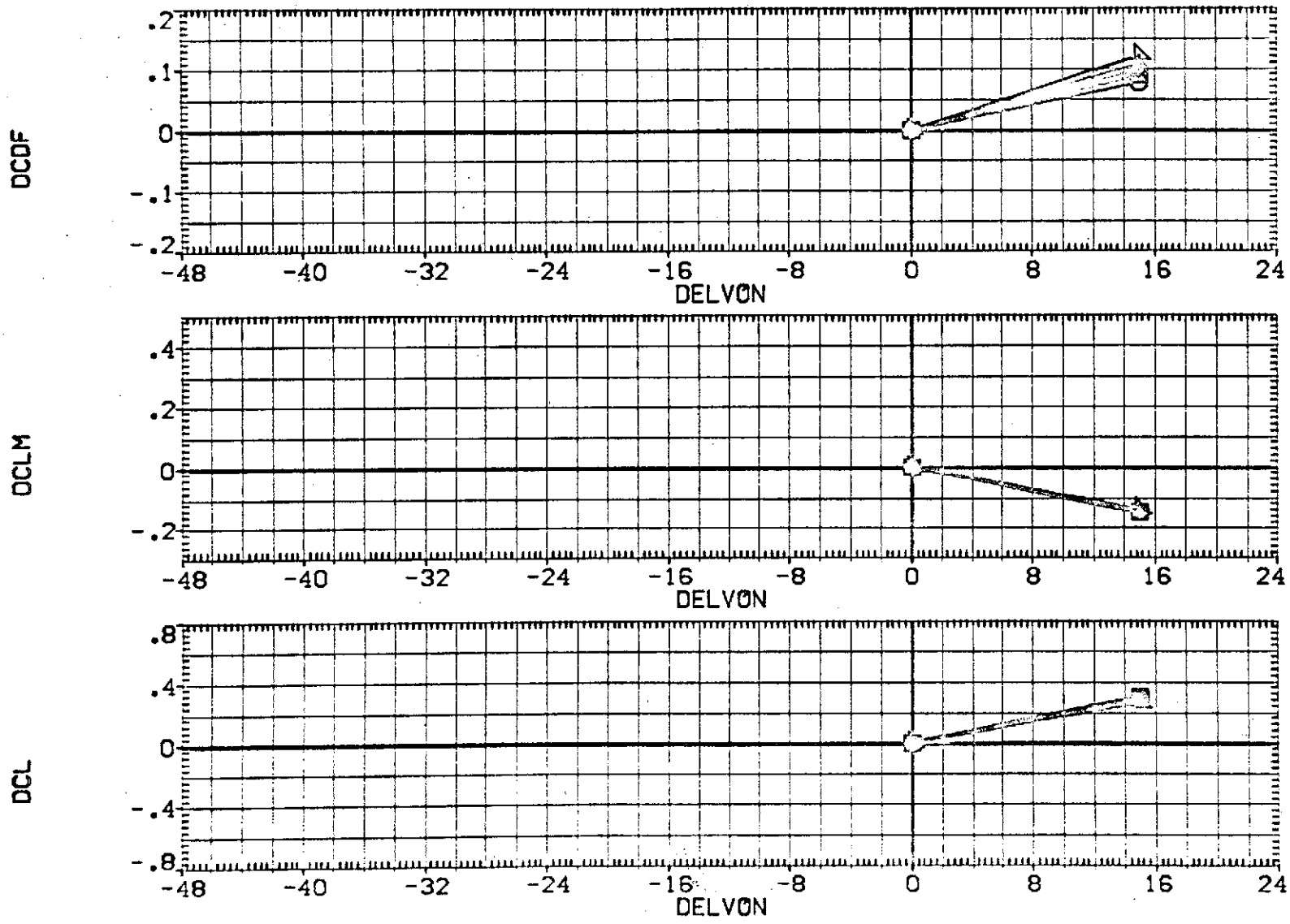


FIG 28 ELEVON EFFECTIVENESS, SPDBRK = 55 DEG., BDFLAP = -11.7 DEG.

SYMBOL	ALPHA		PARAMETRIC VALUES			DATA SOURCE				REFERENCE INFORMATION		
○	22.000	MACH	.200	AILRON	.000	DATASET	DELVON	DATASET	DELVON	SREF	2030.0000	SQ.FT.
□	24.000	BDFLAP	-12.000	RUDDER	.000	FF2027	.000	FF2034	15.000	LREF	474.5000	INCHES
◇	28.000	SPDBRK	55.000	BETA	.000					BREF	909.0000	INCHES
△	30.000									XMRP	1070.7000	INCHES
										YMRP	.0000	INCHES
										ZMRP	375.0000	INCHES
										SCALE	.0300	SCALE

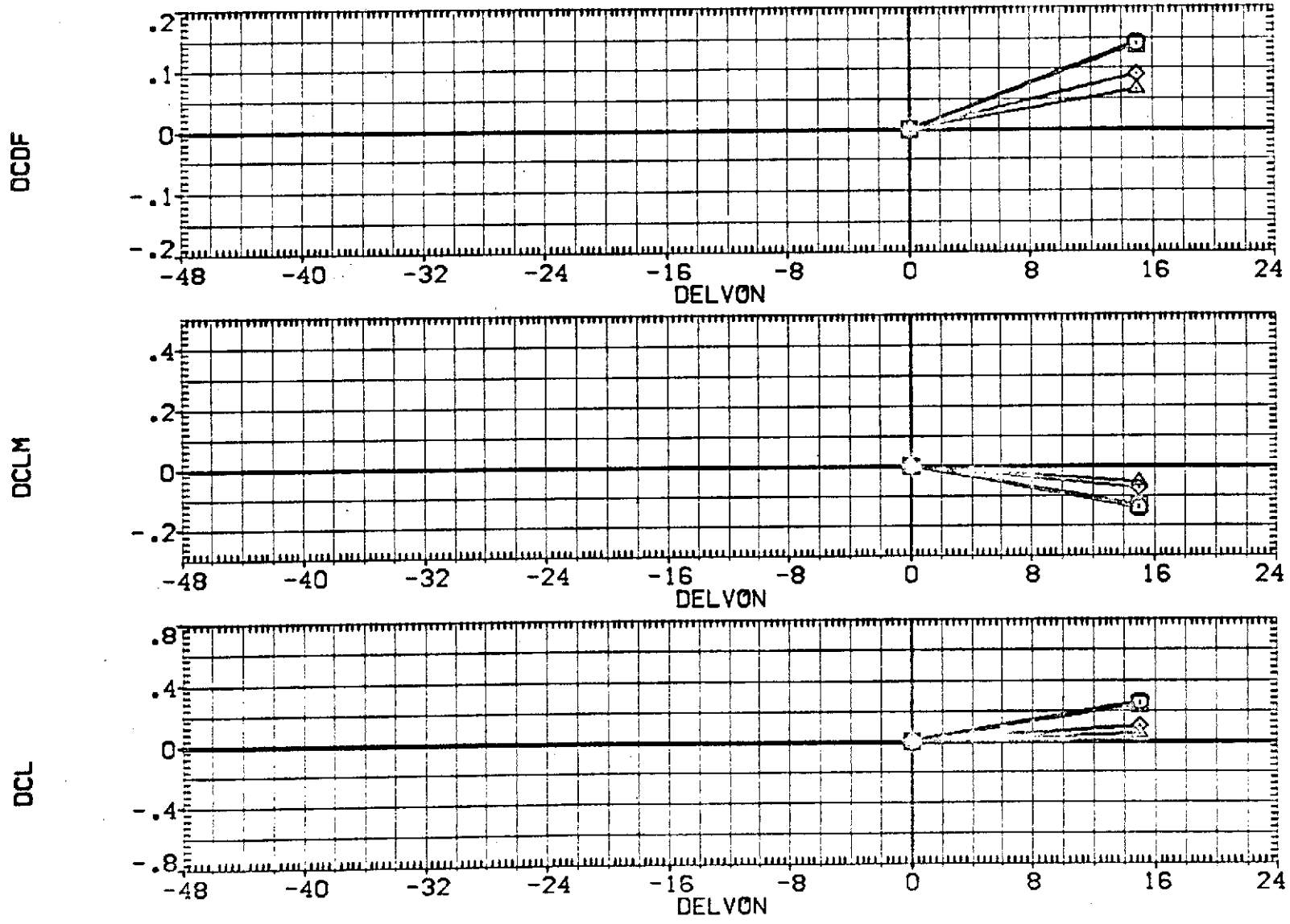


FIG 28 ELEVON EFFECTIVENESS, SPDBRK = 55 DEG., BDFLAP = -11.7 DEG.

SYMBOL	ALPHA		PARAMETRIC VALUES			DATA SOURCE				REFERENCE INFORMATION		
○	-4.000	MACH	.200	AILRON	.000	DATASET	DELVON	DATASET	DELVON	SREF	2090.0000	SQ.FT.
□	-2.000	BDFLAP	-12.000	RUDDER	.000	FF2027	.000	FF2034	15.000	LREF	474.6300	INCHES
◇	-1.000	SPDBRK	55.000	BETA	.000					BREF	935.8000	INCHES
△	.000									XMRP	1076.7000	INCHES
◁	1.000									YMRP	.0000	INCHES
										ZMRP	375.0000	INCHES
										SCALE	.0300	SCALE

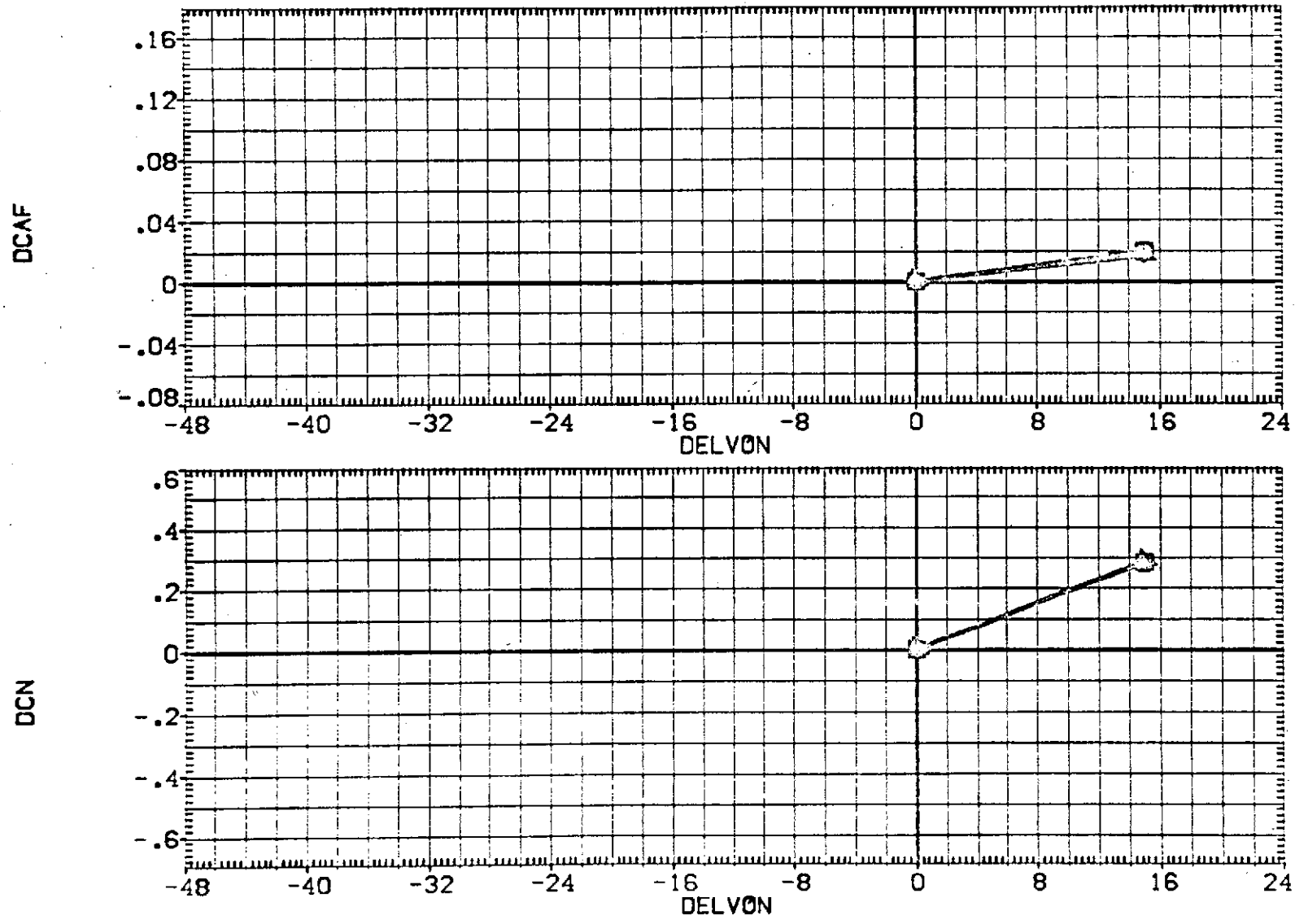


FIG 28 ELEVON EFFECTIVENESS, SPDBRK = 55 DEG., BDFLAP = -11.7 DEG.

SYMBOL	ALPHA	PARAMETRIC VALUES				DATA SOURCE				REFERENCE INFORMATION		
○	2.000	MACH	.260	AILRON	.000	DATASET	DELVON	DATASET	DELVON	SREF	2690.0000	SQ.FT.
□	4.000	BDFLAP	-12.000	RUDDER	.000	FF2027	.000	FF2034	15.000	LREF	474.8000	INCHES
◇	6.000	SPDBRK	55.000	BETA	.000					BREF	935.8000	INCHES
△	8.000									XMRP	1076.7000	INCHES
◺	10.000									YMRP	.0000	INCHES
										ZMRP	375.0000	INCHES
										SCALE	.0300	SCALE

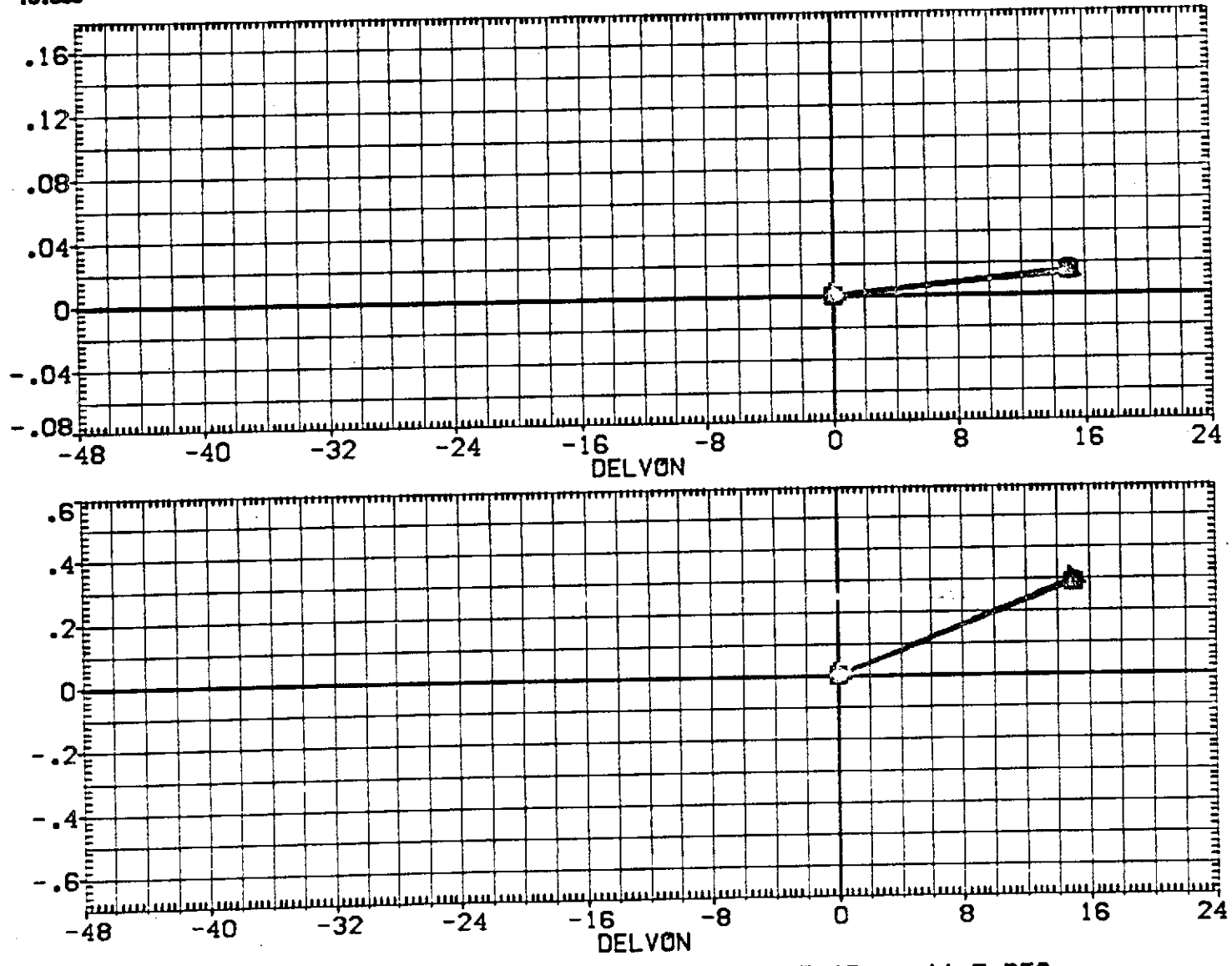


FIG 28 ELEVON EFFECTIVENESS, SPDBRK = 55 DEG., BDFLAP = -11.7 DEG.

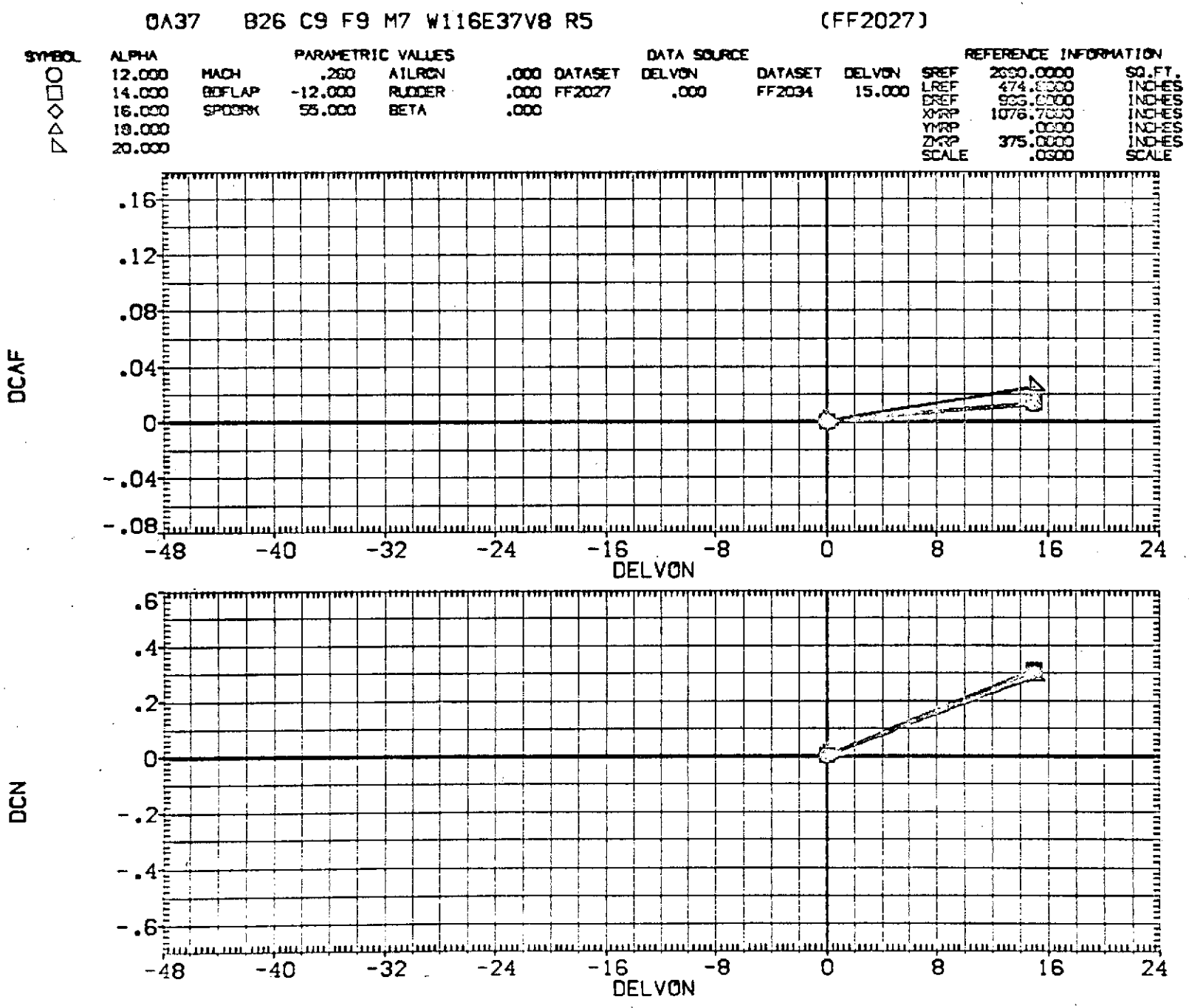


FIG 28 ELEVON EFFECTIVENESS, SPDBRK = 55 DEG., BDFLAP = -11.7 DEG.

SYMBOL	ALPHA		PARAMETRIC VALUES			DATA SOURCE				REFERENCE INFORMATION		
○	22.000	MACH	.260	AILRON	.000	DATASET	DELVON	DATASET	DELVON	SREF	2630.0000	SQ.FT.
□	24.000	BDFLAP	-12.000	RUDDER	.000	FF2027	.000	FF2034	15.000	LREF	474.0000	INCHES
◇	29.000	SPDBRK	55.000	BETA	.000					BREF	935.0000	INCHES
△	30.000									XMRP	1078.7000	INCHES
										YMRP	.0000	INCHES
										ZMRP	375.0000	INCHES
										SCALE	.0300	SCALE

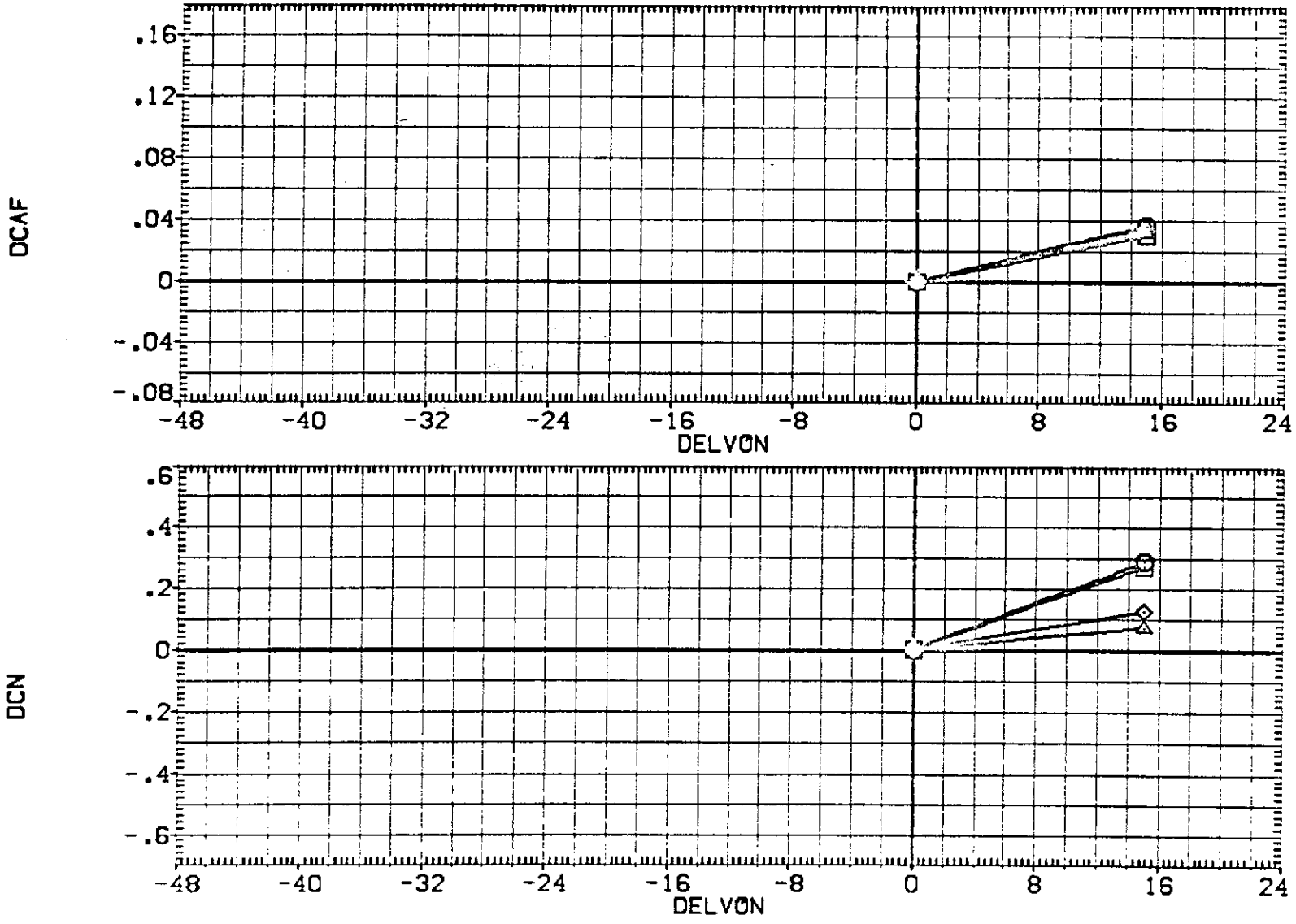


FIG 28 ELEVON EFFECTIVENESS, SPDBRK = 55 DEG., BDFLAP = -11.7 DEG.

0A37 B26 C9 F9 M7 W116 E37 V8 R5 (EF2027)

SYMBOL	ALPHA	PARAMETRIC VALUES				DATA SOURCE				REFERENCE INFORMATION		
○	-4.000	MACH	.260	BETA	.000	DATASET	ELEVON	DATASET	ELEVON	SREF	2000.0000	SQ.FT.
□	-2.000	BDFLAP	-11.700	AILRON	.000	EF2027	.000	EF2034	15.000	LREF	474.0000	INCHES
◇	-1.000	RUDDER	.000	SPDBRK	55.000					BREF	900.0000	INCHES
△	.000									XMRP	1078.7000	INCHES
◁	1.000									YMRP	.0000	INCHES
										ZMRP	375.0000	INCHES
										SCALE	.0300	

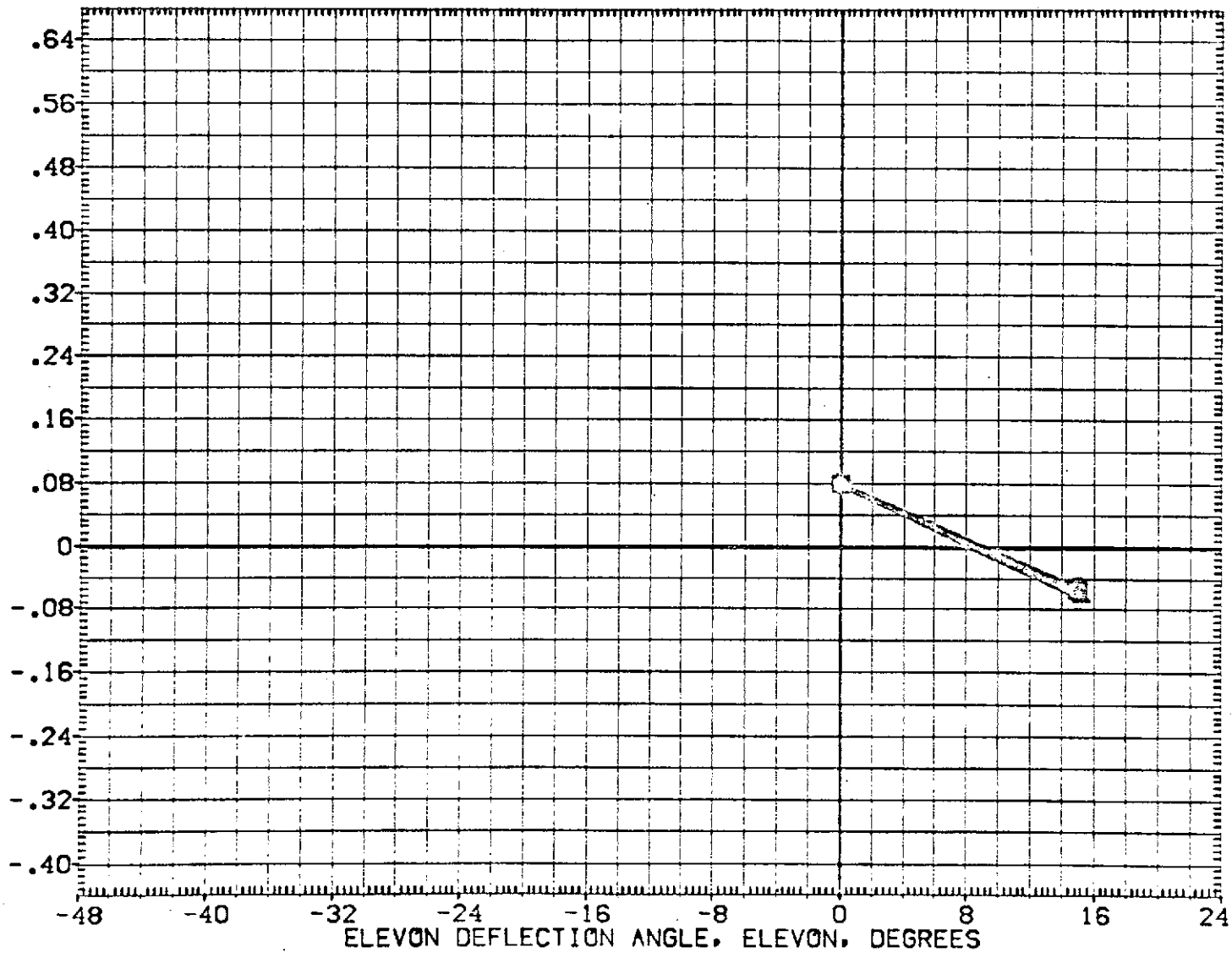


FIG 28 ELEVON EFFECTIVENESS, SPDBRK = 55 DEG., BDFLAP = -11.7 DEG.

SYMBOL	ALPHA	PARAMETRIC VALUES				DATA SOURCE				REFERENCE INFORMATION		
○	2.000	MACH	.260	BETA	.000	DATASET	ELEVON	DATASET	ELEVON	SREF	2690.0000	SQ.FT.
□	4.000	BDFLAP	-11.700	AILRON	.000	EF2027	.000	EF2034	15.000	LREF	474.6000	INCHES
◇	6.000	RUDDER	.000	SPDBRK	55.000					BREF	930.9000	INCHES
△	8.000									XMRP	1076.7000	INCHES
◺	10.000									YMRP	.0000	INCHES
										ZMRP	375.0000	INCHES
										SCALE	.0300	

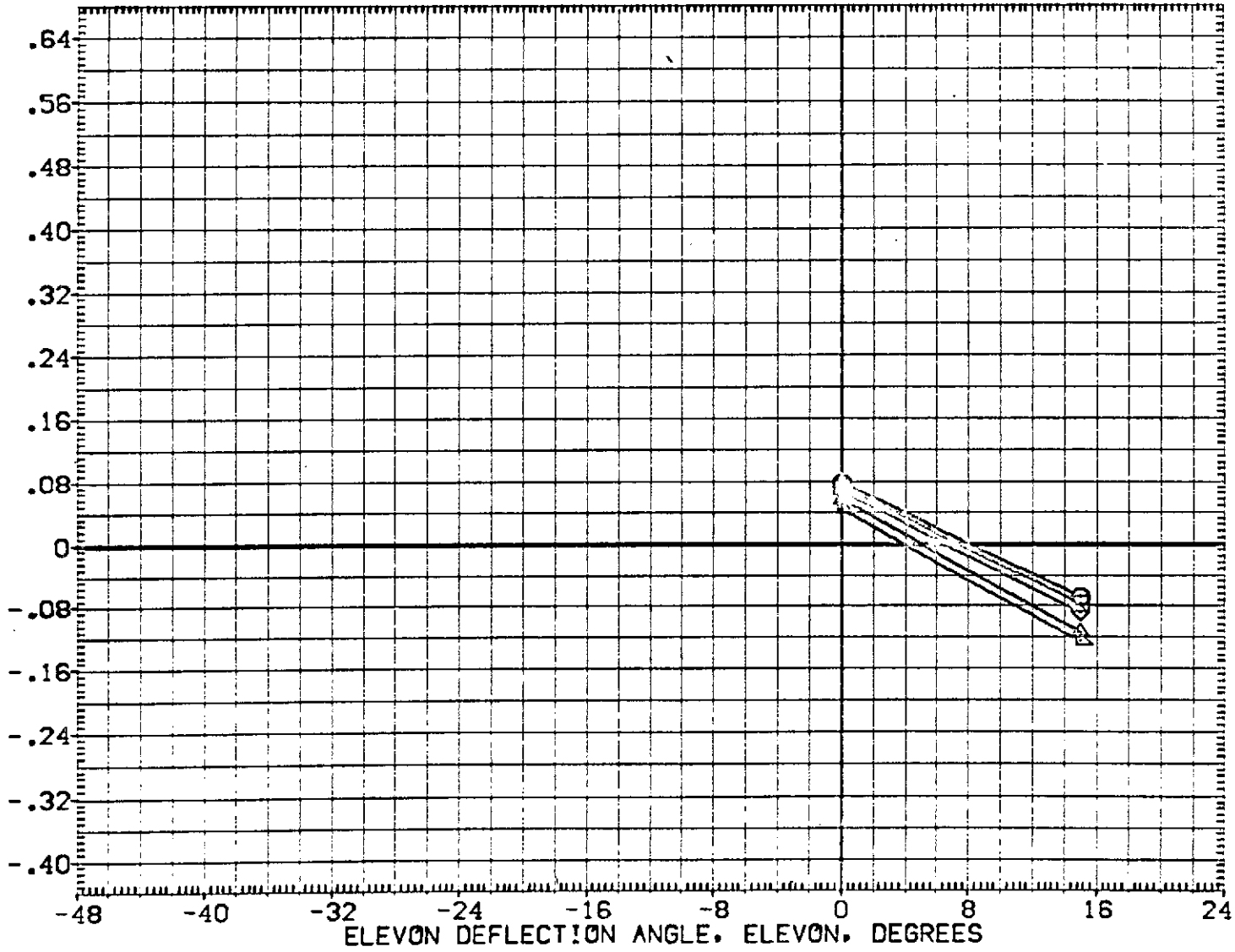


FIG 28 ELEVON EFFECTIVENESS, SPDBRK = 55 DEG., BDFLAP = -11.7 DEG.

0A37 B26 C9 F9 M7 W116 E37 V8 R5 (EF2027)

SYMBOL	ALPHA	PARAMETRIC VALUES				DATA SOURCE				REFERENCE INFORMATION		
○	12.000	MACH	.200	BETA	.000	DATASET	ELEVON	DATASET	ELEVON	SREF	2590.0000	SQ.FT.
□	14.000	BDFLAP	-11.700	AILRON	.000	EF2027	.000	EF2034	15.000	LREF	474.6000	INCHES
◇	16.000	RUDDER	.000	SPDBRK	55.000					BREF	905.0000	INCHES
△	18.000									XMRP	1078.7000	INCHES
◺	20.000									YMRP	.0000	INCHES
										ZMRP	375.0000	INCHES
										SCALE	.0300	

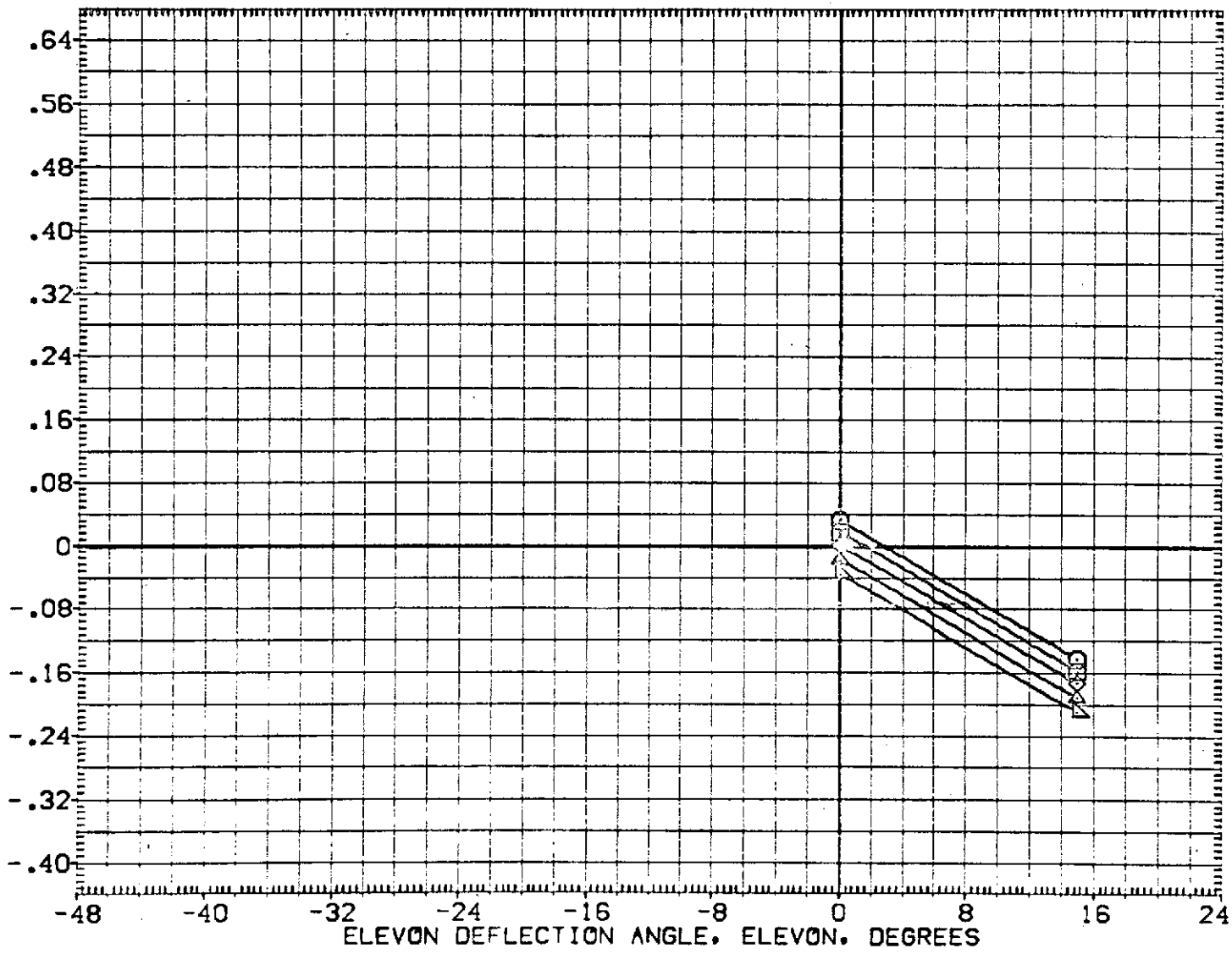


FIG 28 ELEVON EFFECTIVENESS, SPDBRK = 55 DEG., BDFLAP = -11.7 DEG.

0A37 B26 C9 F9 M7 W116 E37 V8 R5 (EF2027)

SYMBOL	ALPHA		PARAMETRIC VALUES			DATA SOURCE				REFERENCE INFORMATION		
○	22.000	MACH	.260	BETA	.000	DATASET	ELEVON	DATASET	ELEVON	SREF	2000.0000	SQ.FT.
□	24.000	BDFLAP	-11.700	AILRON	.000	EF2027	.000	EF2034	15.000	LREF	474.0000	INCHES
◇	23.000	RUDDER	.000	SPDBRK	55.000					BREF	936.0000	INCHES
△	30.000									XMRP	1075.7000	INCHES
										YMRP	.0000	INCHES
										ZMRP	375.0000	INCHES
										SCALE	.0300	

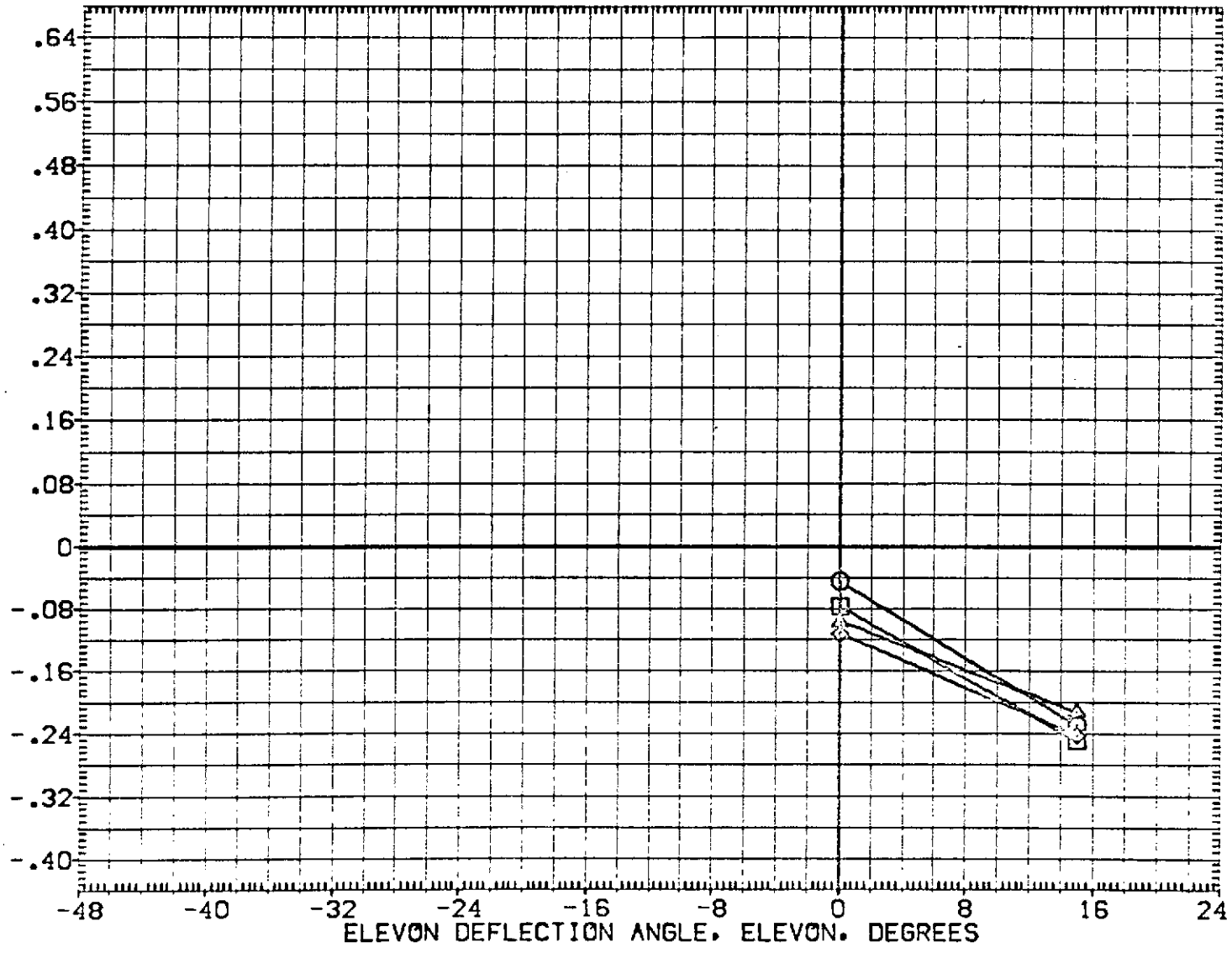


FIG 28 ELEVON EFFECTIVENESS, SPDBRK = 55 DEG., BDFLAP = -11.7 DEG.

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(RF2036)	○	BA37 B2G C9 F9 M7V11GE37V8 R5
(RF2043)	□	BA37 B2G C9 F9 M7V11GE37V8 R5

ELEVON	BDFLAP	SPDBRK	RUDDER
.000	-12.000	85.000	.000
15.000	-12.000	85.000	.000

REFERENCE INFORMATION		
SREF	2090.0000	SQ.FT.
LREF	474.6600	INCHES
BREF	986.0000	INCHES
XMRP	1078.7000	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0300	SCALE

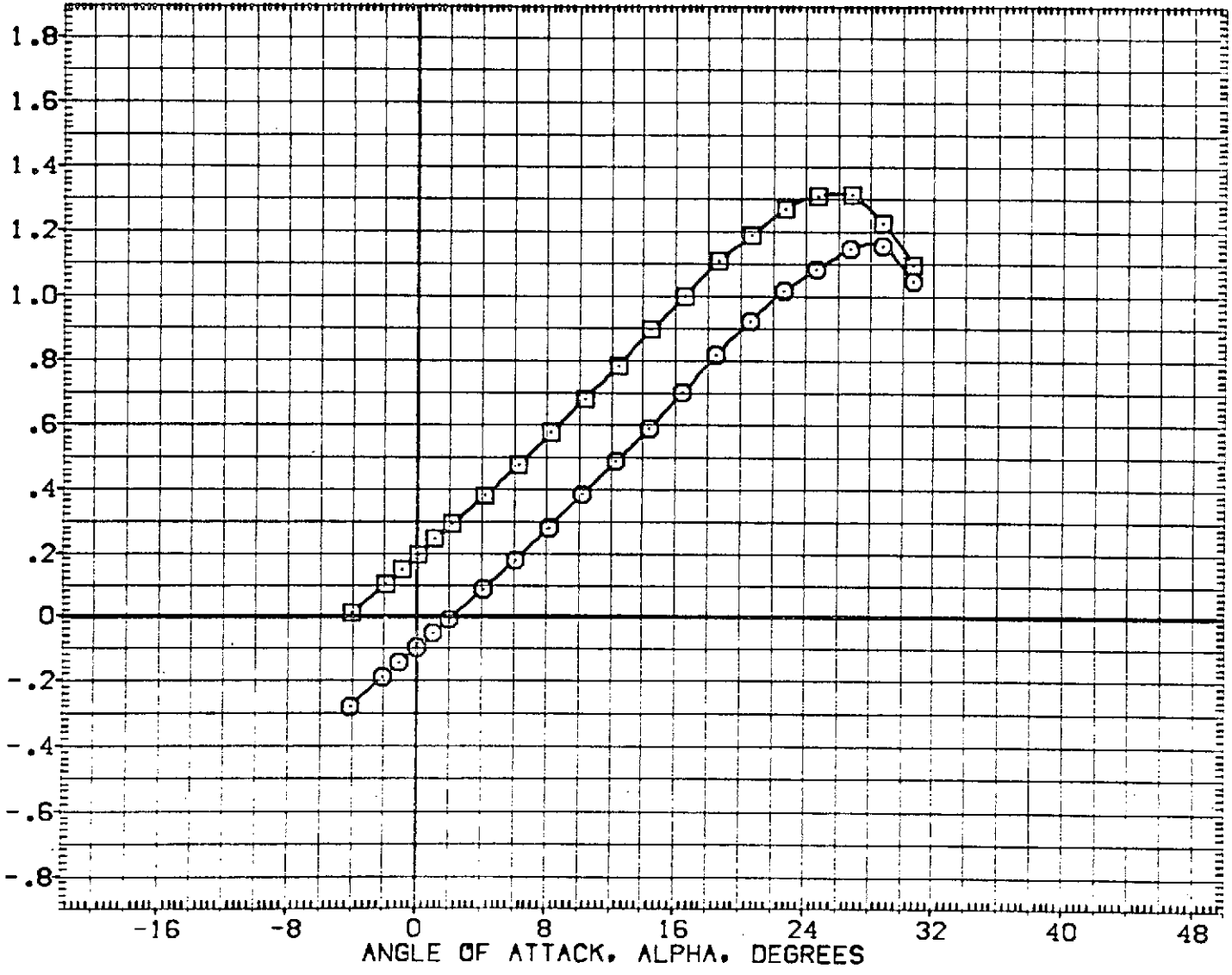


FIG 29 ELEVON EFFECTIVENESS, SPDBRK = 85 DEG., BDFLAP = -11.7 DEG.

(A)MACH = .26

DATA SET SYMBOL		CONFIGURATION DESCRIPTION	ELEVON	BDFLAP	SPDBRK	RUDDER
(RF2038)	○	0A37 B26 C9 F9 H7V11GE37V8 R5	.000	-12.000	85.000	.000
(RF2043)	□	0A37 B26 C9 F9 H7V11GE37V8 R5	15.000	-12.000	85.000	.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.0000	INCHES
BREF	963.0000	INCHES
XMRP	1076.7000	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0300	SCALE

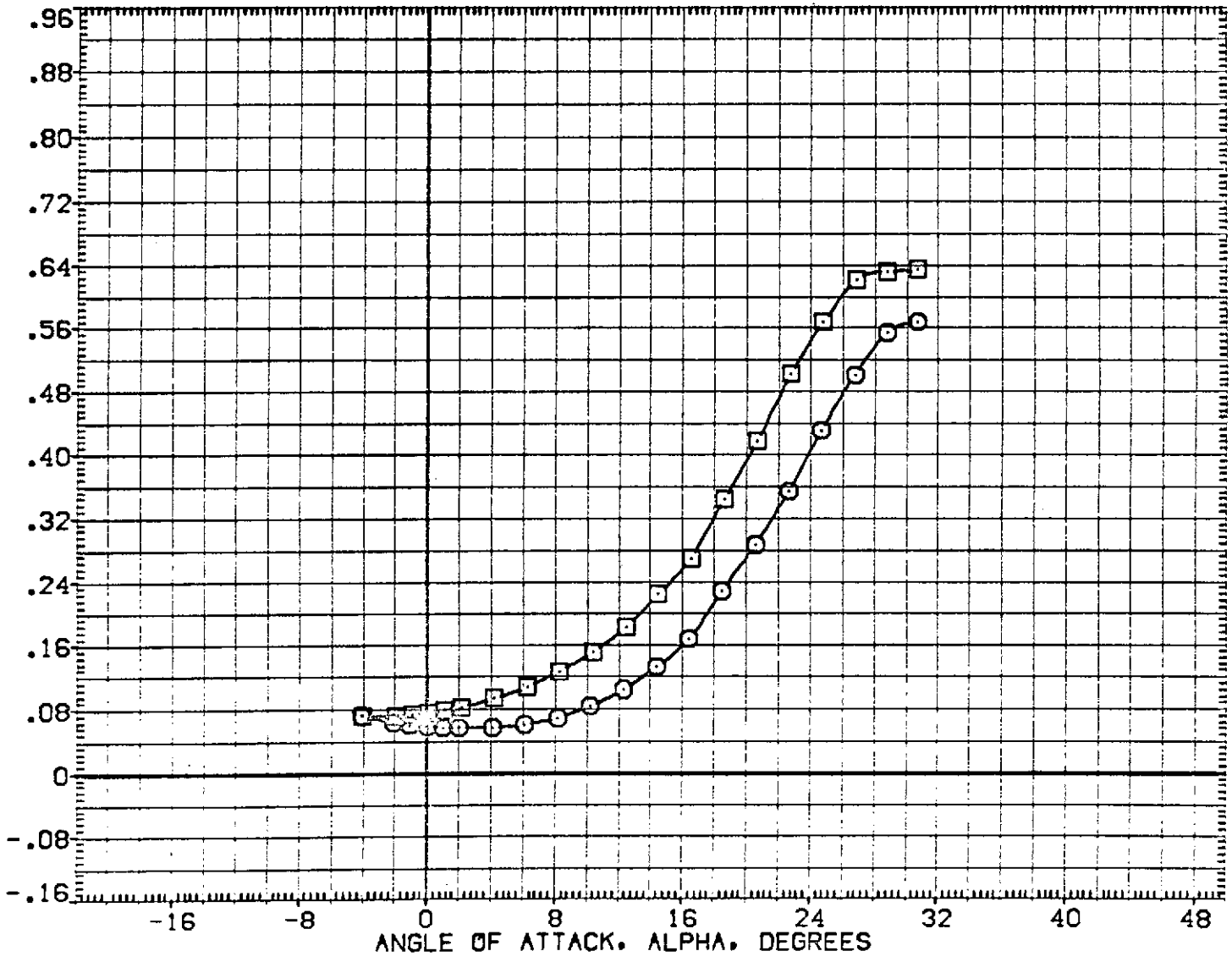


FIG 29 ELEVON EFFECTIVENESS, SPDBRK = 85 DEG., BDFLAP = -11.7 DEG.

(A)MACH = .26

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(RF2003)	○	0A37 B26 C9 F9 M7A11GE37V8 R5
(RF2043)	□	0A37 B26 C9 F9 M7A11GE37V8 R5

ELEVON	BDFLAP	SPDBRK	RUDDER
.000	-12.000	85.000	.000
15.000	-12.000	85.000	.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.0000	INCHES
BREF	935.0000	INCHES
XMRP	1076.7000	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0600	SCALE

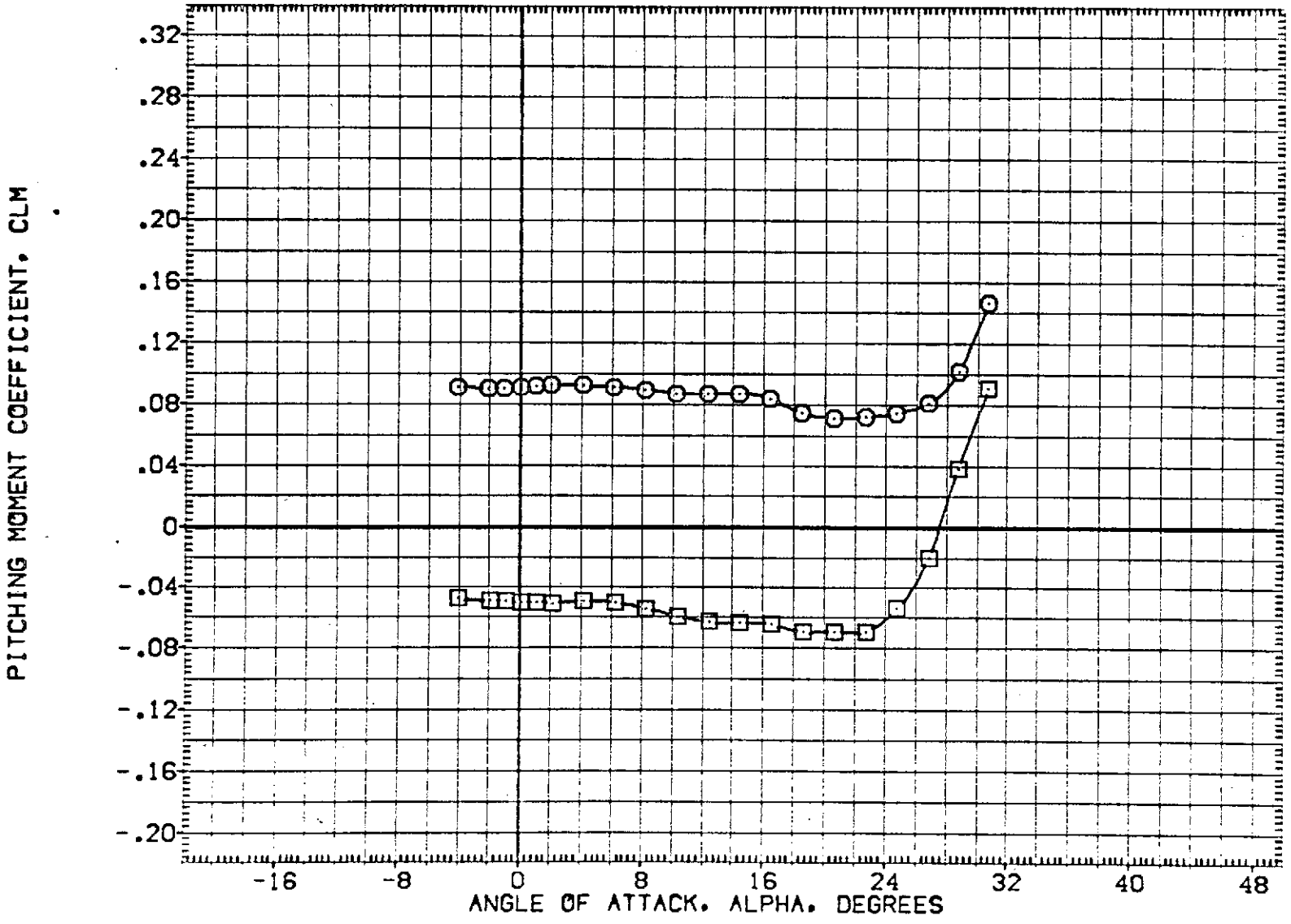


FIG 29 ELEVON EFFECTIVENESS, SPDBRK = 85 DEG., BDFLAP = -11.7 DEG.

(A)MACH = .26

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ELEVON	BDFLAP	SPDBRK	RUDDER
(BF2036)	○	BA37 B26 C9 F9 M7 W116 E37 V8 R5	.000	-11.700	85.000	.000
(BF2043)	□	BA37 B26 C9 F9 M7 W116 E37 V8 R5	15.000	-11.700	85.000	.000

REFERENCE INFORMATION		
SREF	2030.0000	SQ.FT.
LREF	474.0000	INCHES
BREF	996.0000	INCHES
XMRP	1078.7000	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0300	

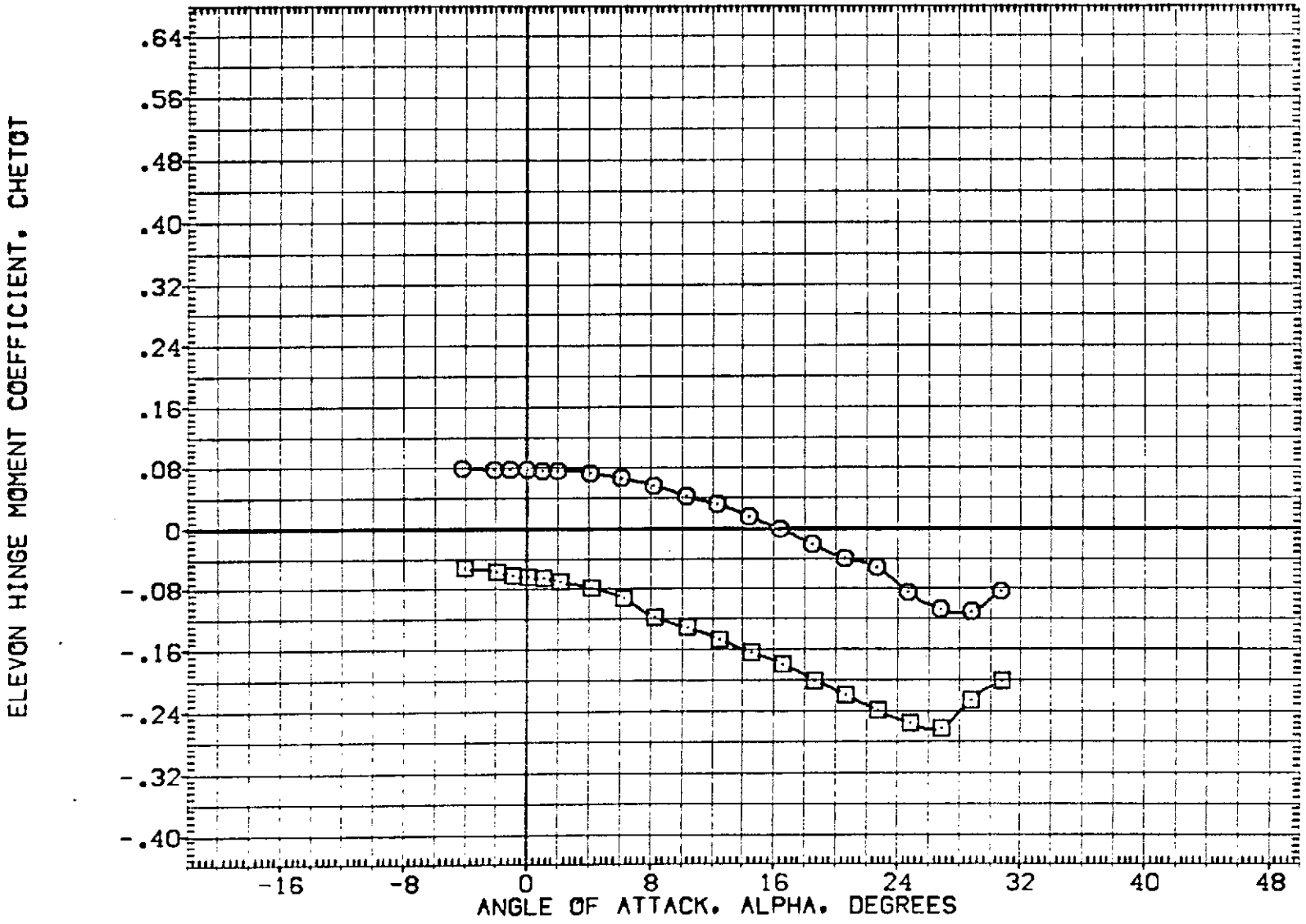


FIG 29 ELEVON EFFECTIVENESS, SPDBRK = 85 DEG., BDFLAP = -11.7 DEG.

(A)MACH = .26

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(NF2035)	○	BA37 B2G C9 F9 H7 V11G E37 V8 R5
(NF2043)	□	BA37 B2G C9 F9 H7 V11G E37 V8 R5

ELEVON	BDFLAP	SPDBRK	RUDDER
	-11.700	85.000	.000
	-11.700	85.000	.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.8000	INCHES
BREF	935.8000	INCHES
XMRP	1076.7000	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0300	

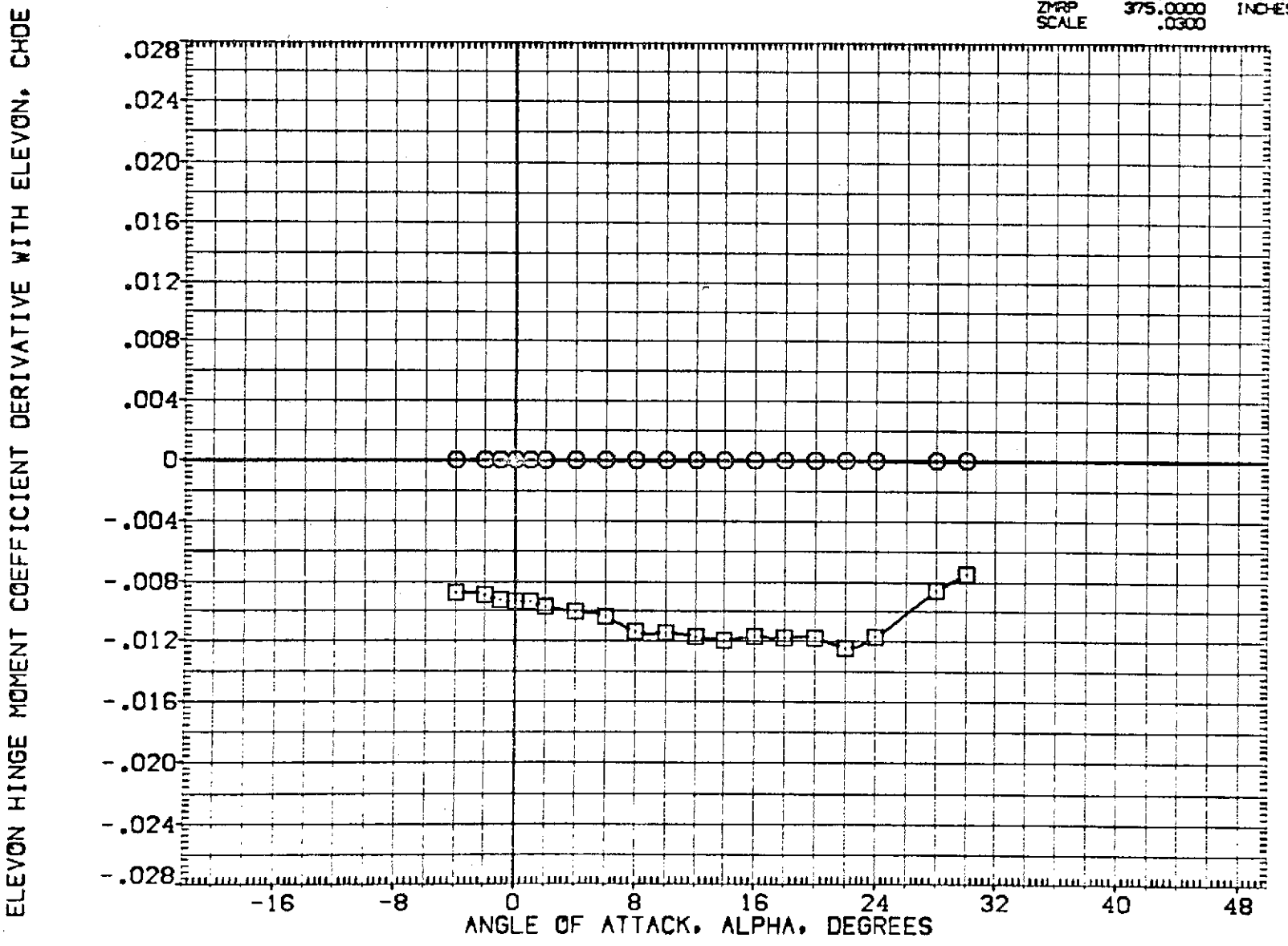


FIG 29 ELEVON EFFECTIVENESS, SPDBRK = 85 DEG., BDFLAP = -11.7 DEG.

(A)MACH = .26

SYMBOL	ALPHA		PARAMETRIC VALUES			DATA SOURCE				REFERENCE INFORMATION		
○	-4.000	MACH	.200	AILRON	.000	DATASET	DELVON	DATASET	DELVON	SREF	2000.0000	SQ.FT.
□	-2.000	BDFLAP	-12.000	RUDDER	.000	FF2036	.000	FF2043	15.000	LREF	474.0000	INCHES
◇	-1.000	SPDBRK	85.000	BETA	.000					BREF	933.6000	INCHES
△	.000									XMRP	1076.7000	INCHES
◺	1.000									YMRP	.0000	INCHES
										ZMRP	375.0000	INCHES
										SCALE	.0500	SCALE

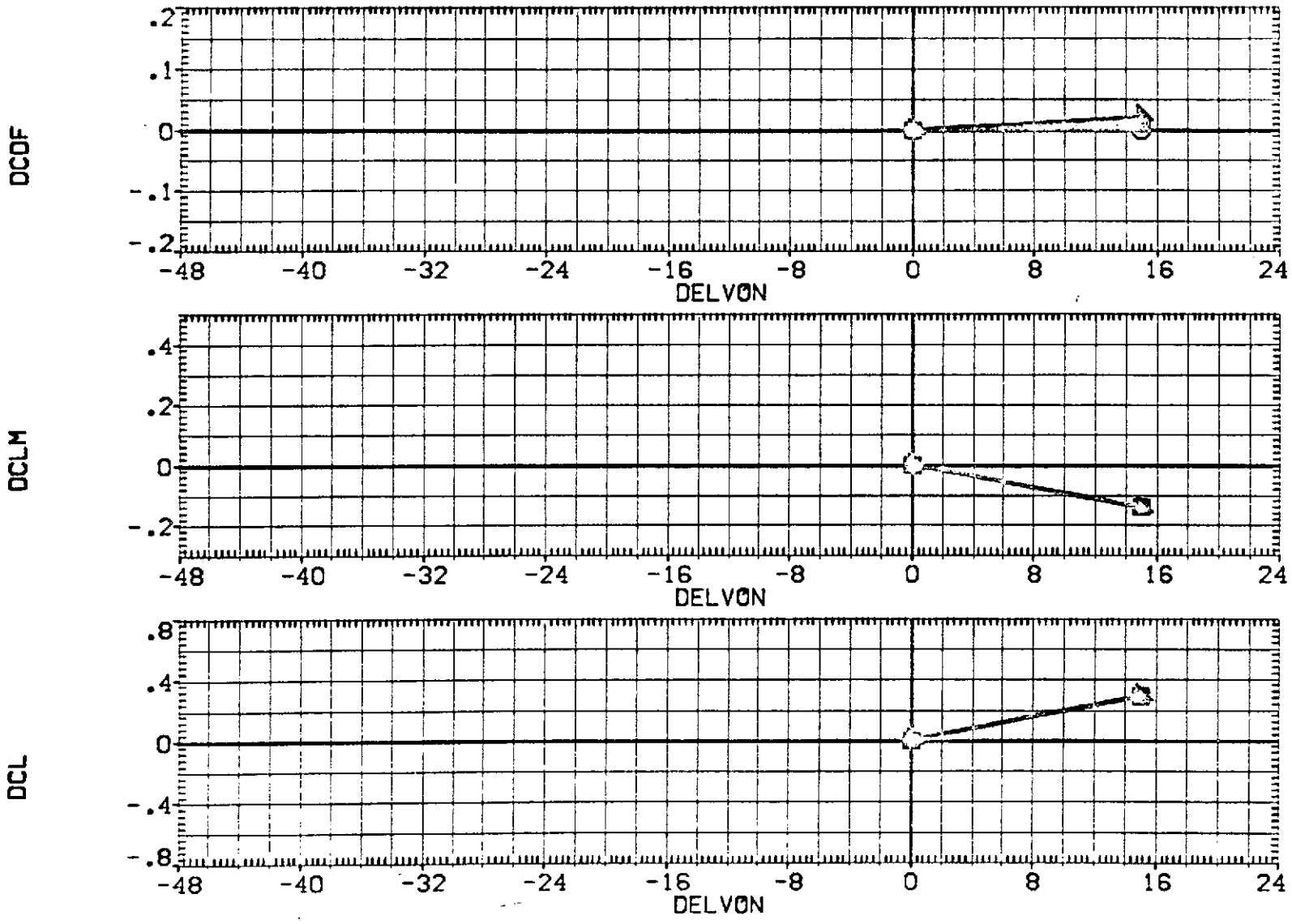


FIG 29 ELEVON EFFECTIVENESS, SPDBRK = 85 DEG., BDFLAP = -11.7 DEG.

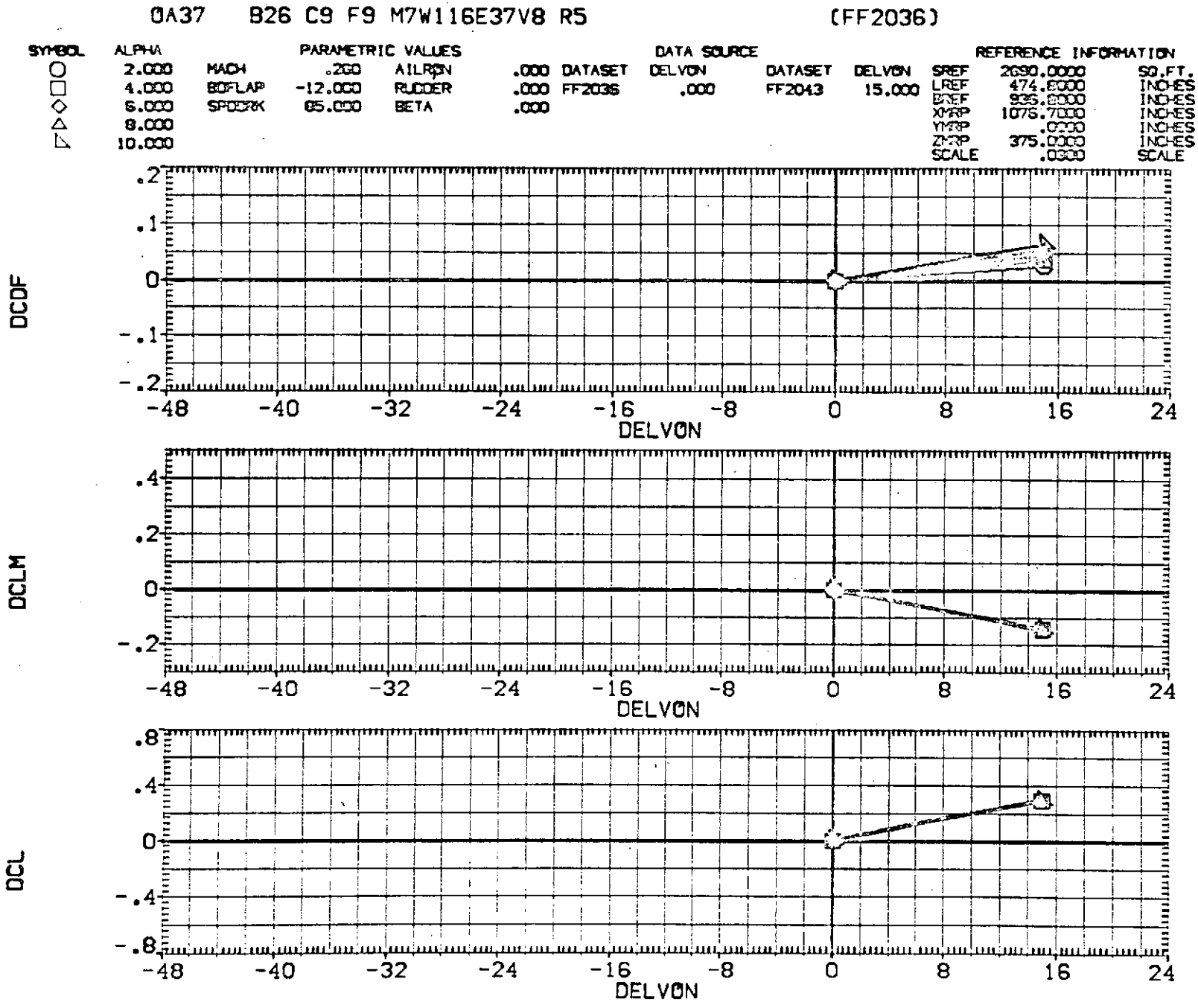


FIG 29 ELEVON EFFECTIVENESS, SPDBRK = 85 DEG., BDFLAP = -11.7 DEG.

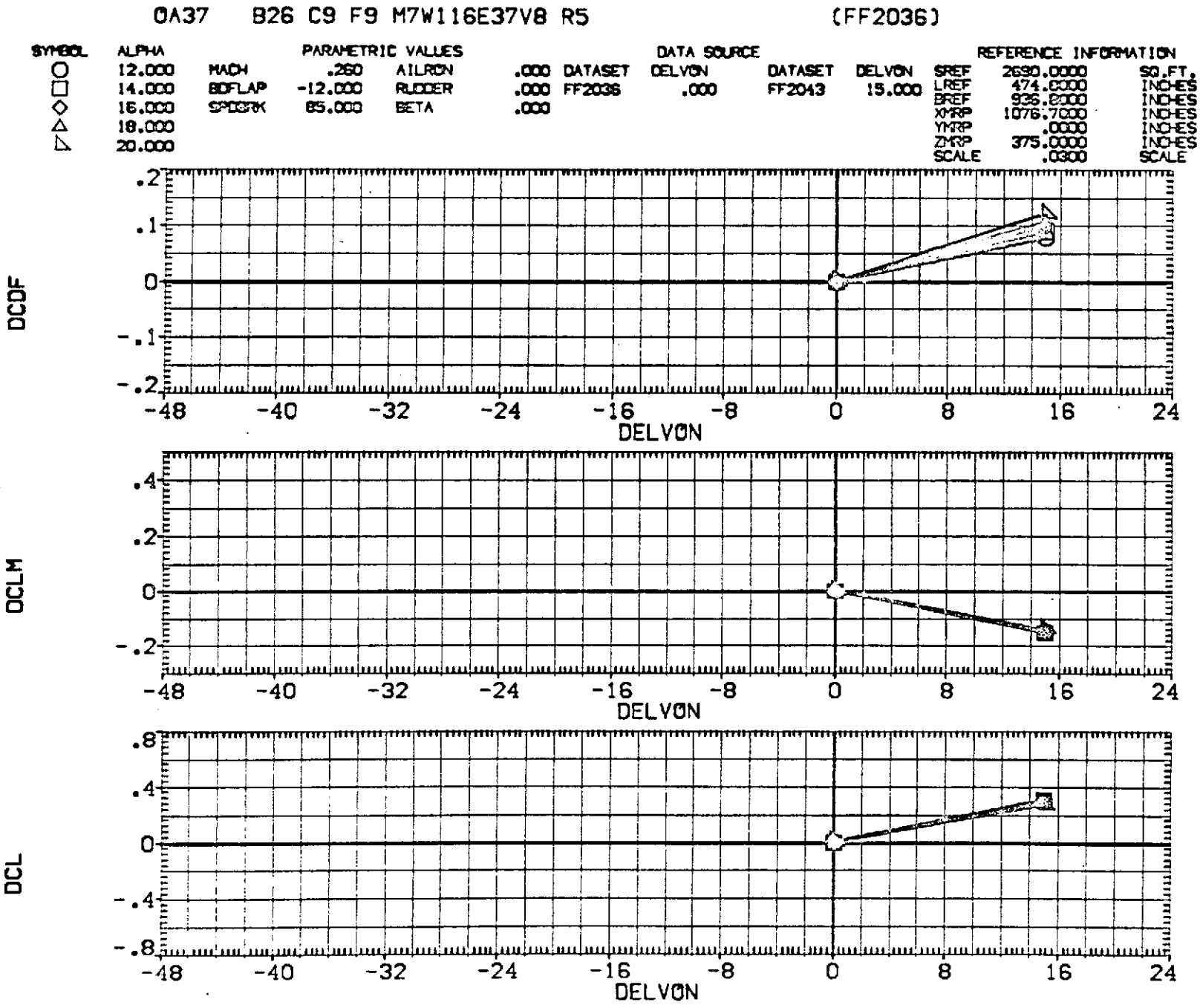


FIG 29 ELEVON EFFECTIVENESS, SPDBRK = 85 DEG., BDFLAP = -11.7 DEG.

SYMBOL	ALPHA		PARAMETRIC VALUES			DATA SOURCE				REFERENCE INFORMATION		
○	22.000	MACH	.260	AILRON	.000	DATASET	DELVON	DATASET	DELVON	SREF	2690.0000	SQ.FT.
□	24.000	BDFLAP	-12.000	RUDDER	.000	FF2036	.000	FF2043	15.000	LREF	474.8000	INCHES
◇	28.000	SPDBRK	85.000	BETA	.000					BREF	936.8000	INCHES
△	30.000									XMRP	1076.7000	INCHES
										YMRP	.0000	INCHES
										ZMRP	375.0000	INCHES
										SCALE	.0300	SCALE

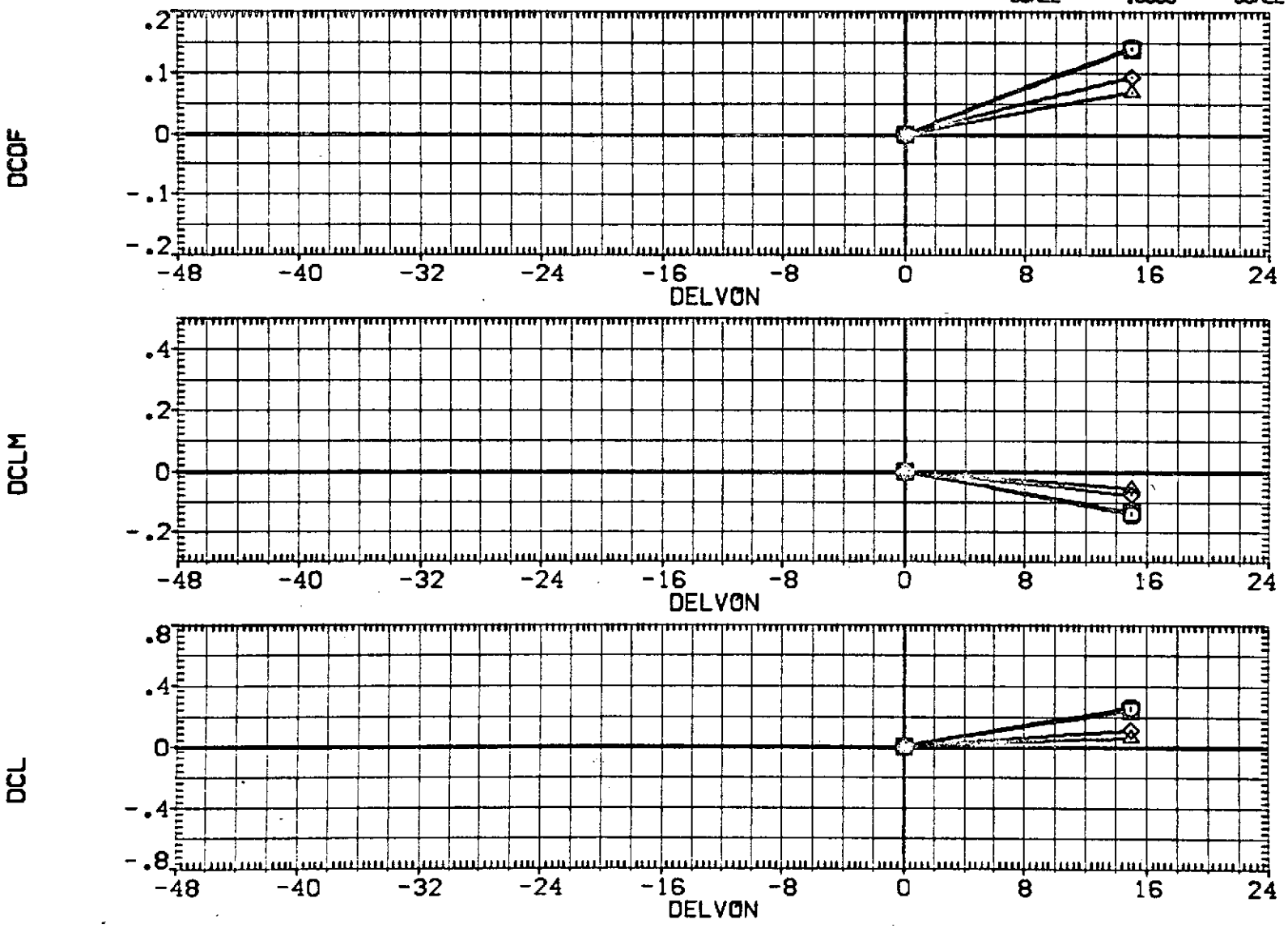
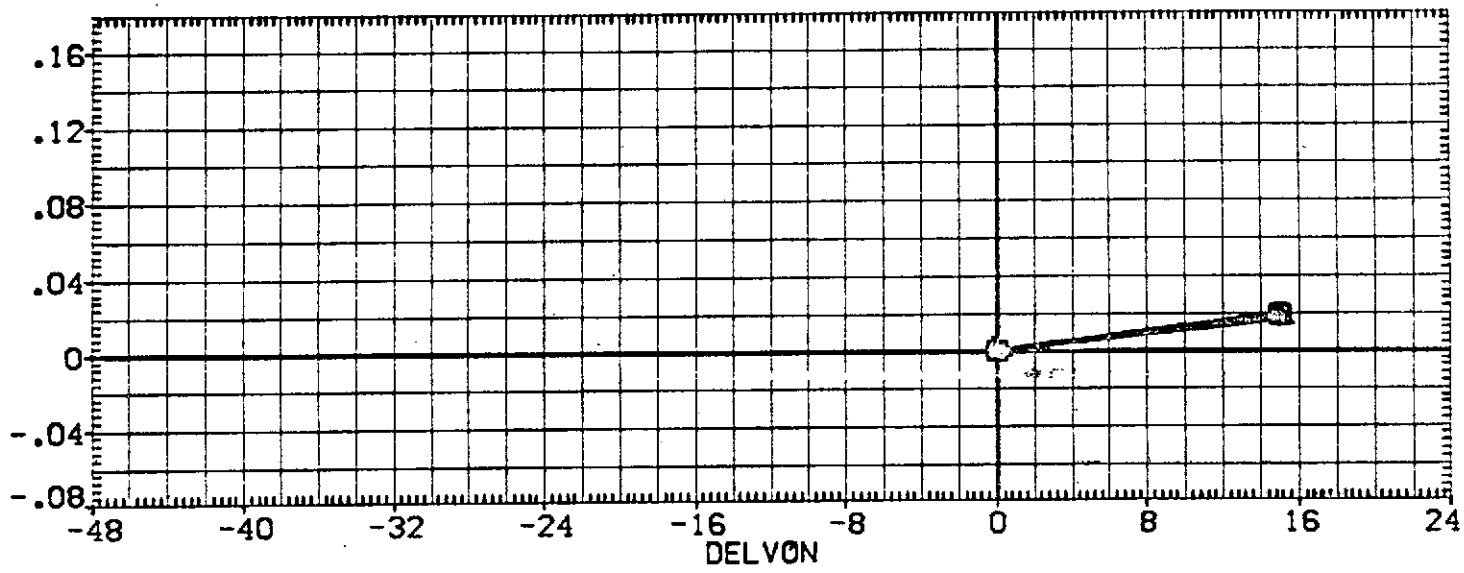


FIG 29 ELEVON EFFECTIVENESS, SPDBRK = 85 DEG., BDFLAP = -11.7 DEG.

0A37 B26 C9 F9 M7W116E37V8 R5 (FF2036)

SYMBOL	ALPHA	PARAMETRIC VALUES				DATA SOURCE				REFERENCE INFORMATION		
○	-4.000	MACH	.260	AILRON	.000	DATASET	DELVON	DATASET	DELVON	SREF	2690.0000	SQ.FT.
□	-2.000	BDFLAP	-12.000	RUDDER	.000	FF2036	.000	FF2043	15.000	LREF	474.8000	INCHES
◇	-1.000	SPDBRK	85.000	BETA	.000					BREF	936.8000	INCHES
△	.000									XMRP	1076.7000	INCHES
⊿	1.000									YMRP	.0000	INCHES
										ZMRP	375.0000	INCHES
										SCALE	.0300	SCALE



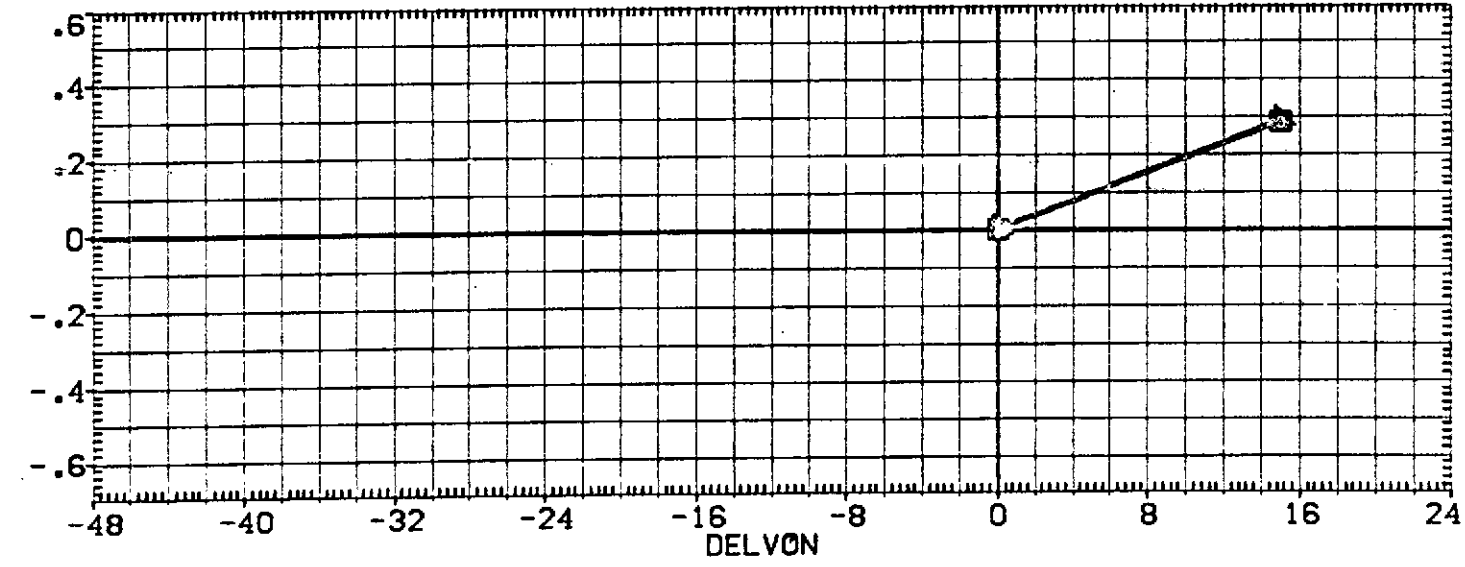


FIG 29 ELEVON EFFECTIVENESS, SPDBRK = 85 DEG., BDFLAP = -11.7 DEG.

0A37 B26 C9 F9 M7W116E37V8 R5 (FF2036)

SYMBOL	ALPHA	PARAMETRIC VALUES				DATA SOURCE				REFERENCE INFORMATION		
○	2.000	MACH	.200	AILRON	.000	DATASET	DELVON	DATASET	DELVON	SREF	2690.0000	SQ.FT.
□	4.000	BDFLAP	-12.000	RUDDER	.000	FF2036	.000	FF2043	15.000	LREF	474.0000	INCHES
◇	6.000	SPDBRK	85.000	BETA	.000					BREF	936.0000	INCHES
△	8.000									XMRP	1078.7000	INCHES
◺	10.000									YMRP	.0000	INCHES
										ZMRP	375.0000	INCHES
										SCALE	.0300	SCALE

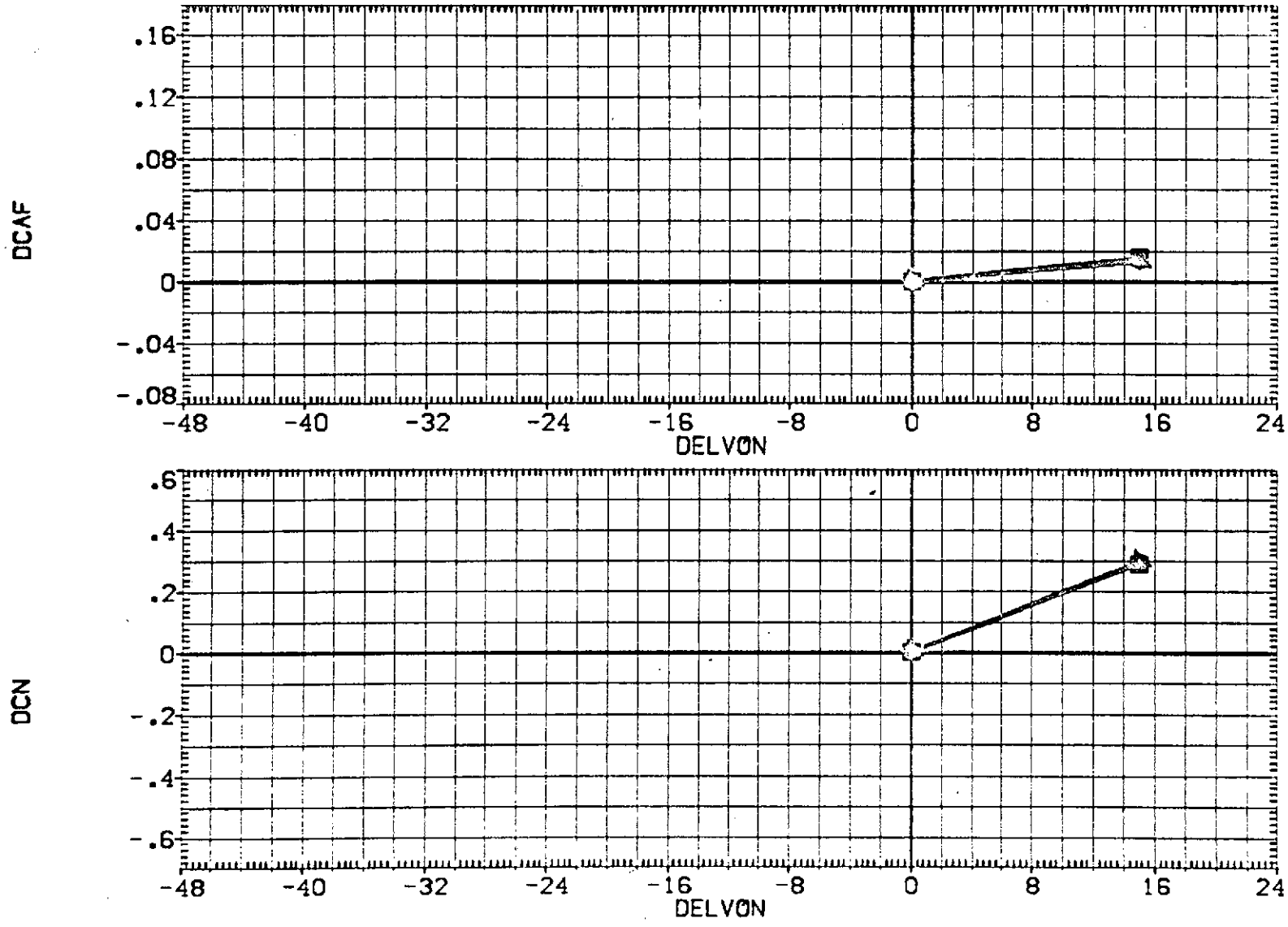


FIG 29 ELEVON EFFECTIVENESS, SPDBRK = 85 DEG., BDFLAP = -11.7 DEG.

SYMBOL	ALPHA	PARAMETRIC VALUES				DATA SOURCE				REFERENCE INFORMATION		
○	12.000	MACH	.200	AILRON	.000	DATASET	DELVON	DATASET	DELVON	SREF	2690.0000	SQ.FT.
□	14.000	BDFLAP	-12.000	RUDDER	.000	FF2036	.000	FF2043	15.000	LREF	474.0000	INCHES
◇	16.000	SPDBRK	85.000	BETA	.000					BREF	933.0000	INCHES
△	18.000									XMRP	1076.7000	INCHES
◁	20.000									YMRP	.0000	INCHES
										ZMRP	375.0000	INCHES
										SCALE	.0500	SCALE

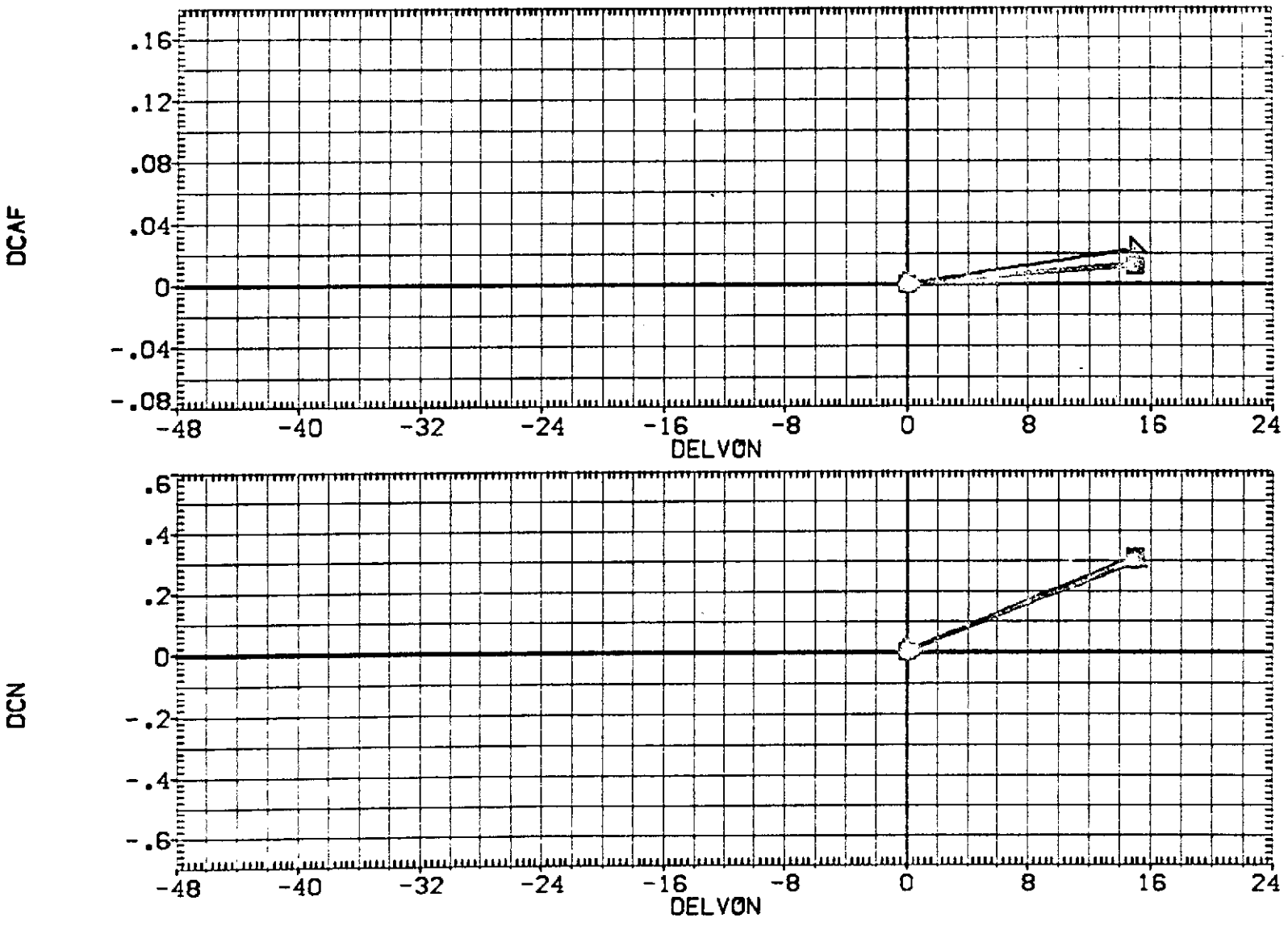


FIG 29 ELEVON EFFECTIVENESS, SPDBRK = 85 DEG., BDFLAP = -11.7 DEG.

SYMBOL	ALPHA		PARAMETRIC VALUES			DATA SOURCE				REFERENCE INFORMATION		
○	22.000	MACH	.200	AILRON	.000	DATASET	DELVON	DATASET	DELVON	SREF	2690.0000	SQ.FT.
□	24.000	BDFLAP	-12.000	RUDDER	.000	FF2036	.000	FF2043	15.000	LREF	474.0000	INCHES
◇	20.000	SPDBRK	85.000	BETA	.000					BREF	936.0000	INCHES
△	30.000									XMRP	1079.7000	INCHES
										YMRP	.0000	INCHES
										ZMRP	375.0000	INCHES
										SCALE	.0300	SCALE

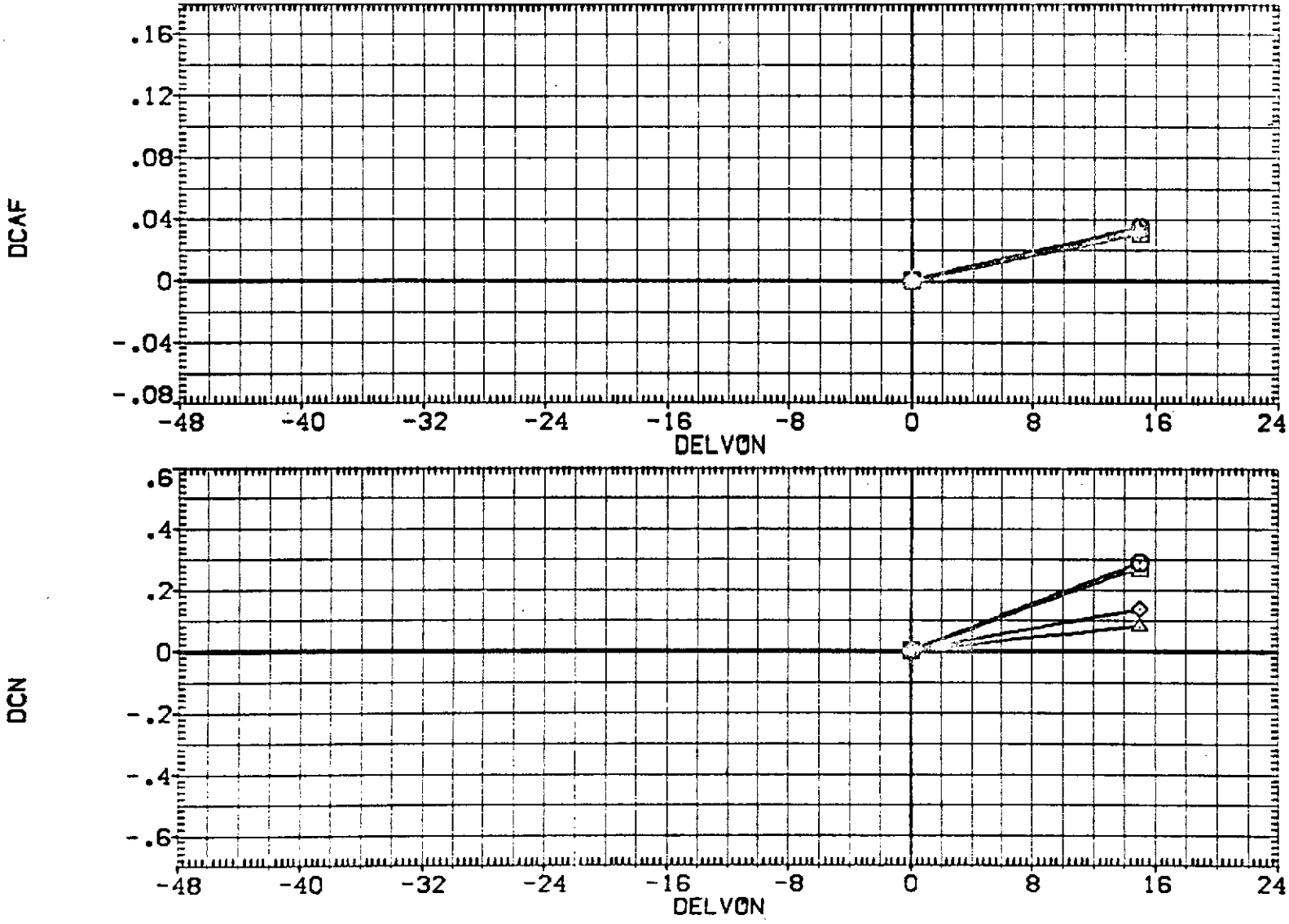


FIG 29 ELEVON EFFECTIVENESS, SPDBRK = 85 DEG., BDFLAP = -11.7 DEG.

SYMBOL	ALPHA		PARAMETRIC VALUES			DATA SOURCE				REFERENCE INFORMATION		
○	-4.000	MACH	.260	BETA	.000	DATASET	ELEVON	DATASET	ELEVON	SREF	2690.0000	SQ.FT.
□	-2.000	BDFLAP	-11.700	AILRON	.000	EF2035	.000	EF2043	15.000	LREF	474.0000	INCHES
◇	-1.000	RUDDER	.000	SPDBRK	85.000					BREF	936.0000	INCHES
△	.000									XMRP	1078.7000	INCHES
◁	1.000									YMRP	.0000	INCHES
										ZMRP	375.0000	INCHES
										SCALE	.0300	

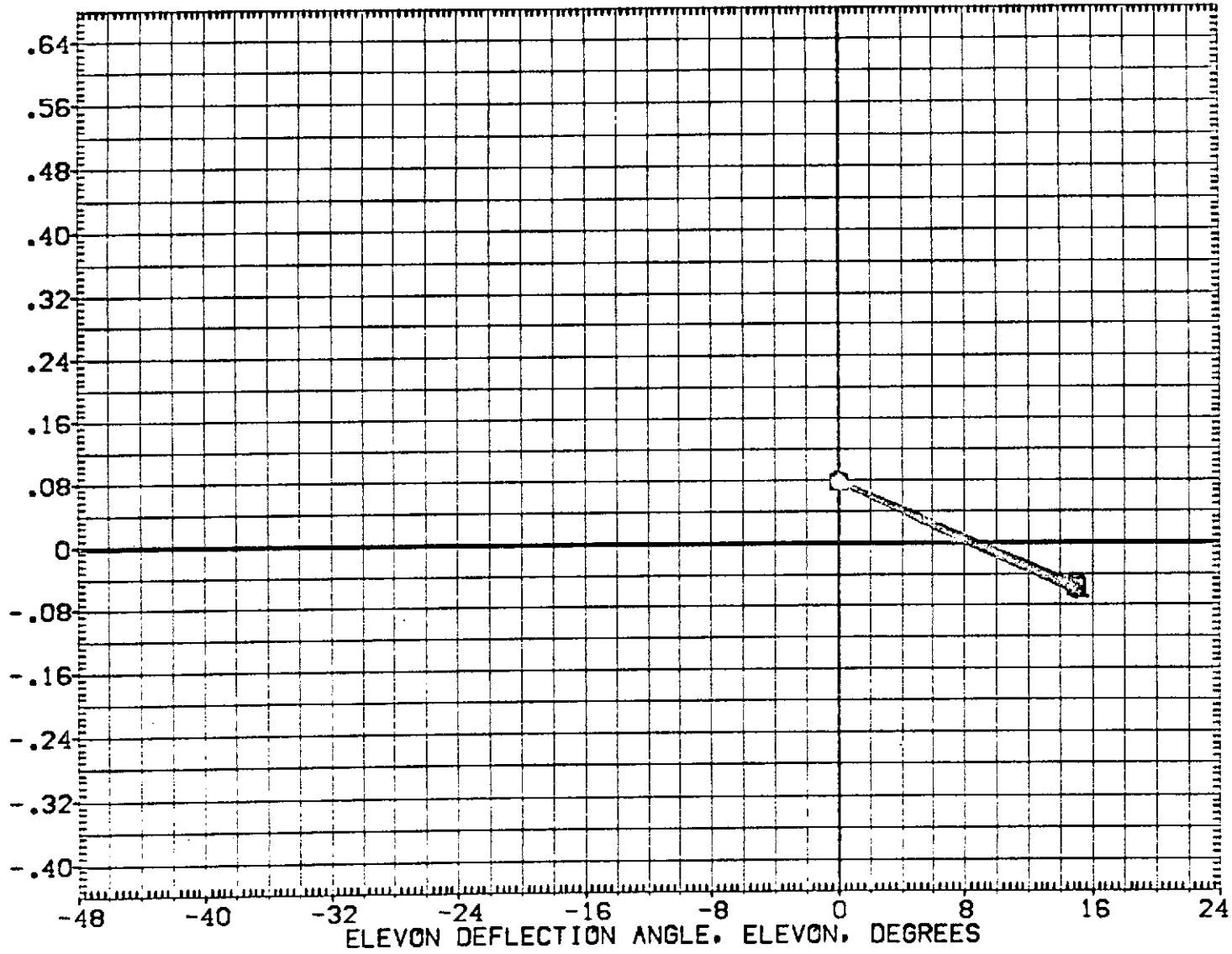


FIG 29 ELEVON EFFECTIVENESS, SPDBRK = 85 DEG., BDFLAP = -11.7 DEG.

0A37 B26 C9 F9 M7 W116 E37 V8 R5 (EF2036)

SYMBOL	ALPHA	PARAMETRIC VALUES				DATA SOURCE				REFERENCE INFORMATION		
○	2.000	MACH	.250	BETA	.000	DATASET	ELEVON	DATASET	ELEVON	SREF	2690.0000	SQ.FT.
□	4.000	BDFLAP	-11.700	AILRON	.000	EF2036	.000	EF2043	15.000	LREF	474.0000	INCHES
◇	6.000	RUDDER	.000	SPDBRK	85.000					BREF	935.0000	INCHES
△	8.000									XMRP	1076.7000	INCHES
▽	10.000									YMRP	.0000	INCHES
										ZMRP	375.0000	INCHES
										SCALE	.0300	

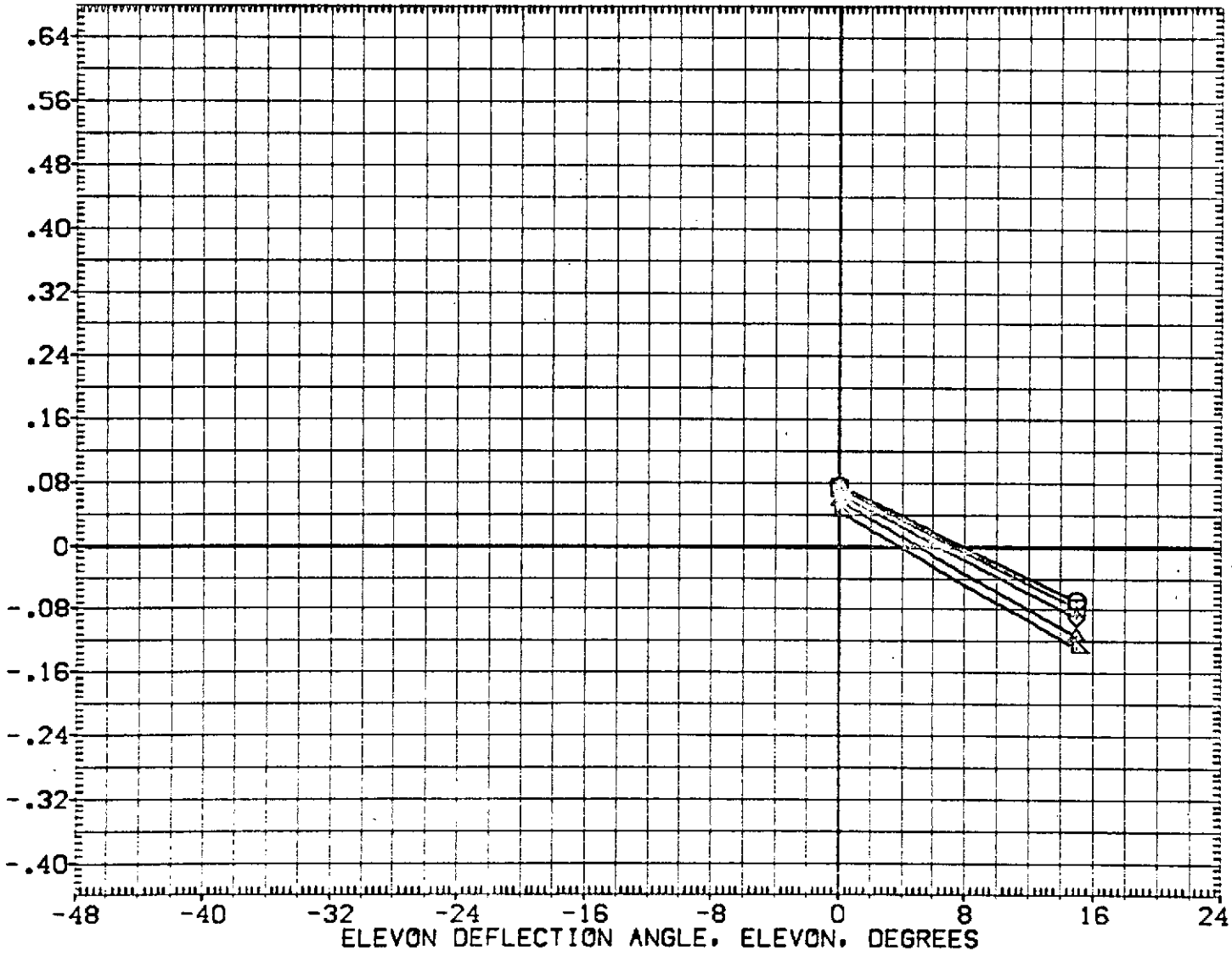


FIG 29 ELEVON EFFECTIVENESS, SPDBRK = 85 DEG., BDFLAP = -11.7 DEG.

SYMBOL	ALPHA	PARAMETRIC VALUES				DATA SOURCE				REFERENCE INFORMATION		
○	12.000	MACH	.200	BETA	.000	DATASET	ELEVON	DATASET	ELEVON	SREF	2690.0000	SQ.FT.
□	14.000	BDFLAP	-11.700	AILRON	.000	EF2036	.000	EF2043	15.000	LREF	474.0000	INCHES
◇	16.000	RUDDER	.000	SPDBRK	85.000					BREF	900.0000	INCHES
△	18.000									XMRP	1076.7000	INCHES
△	20.000									YMRP	.0000	INCHES
										ZMRP	375.0000	INCHES
										SCALE	.0300	

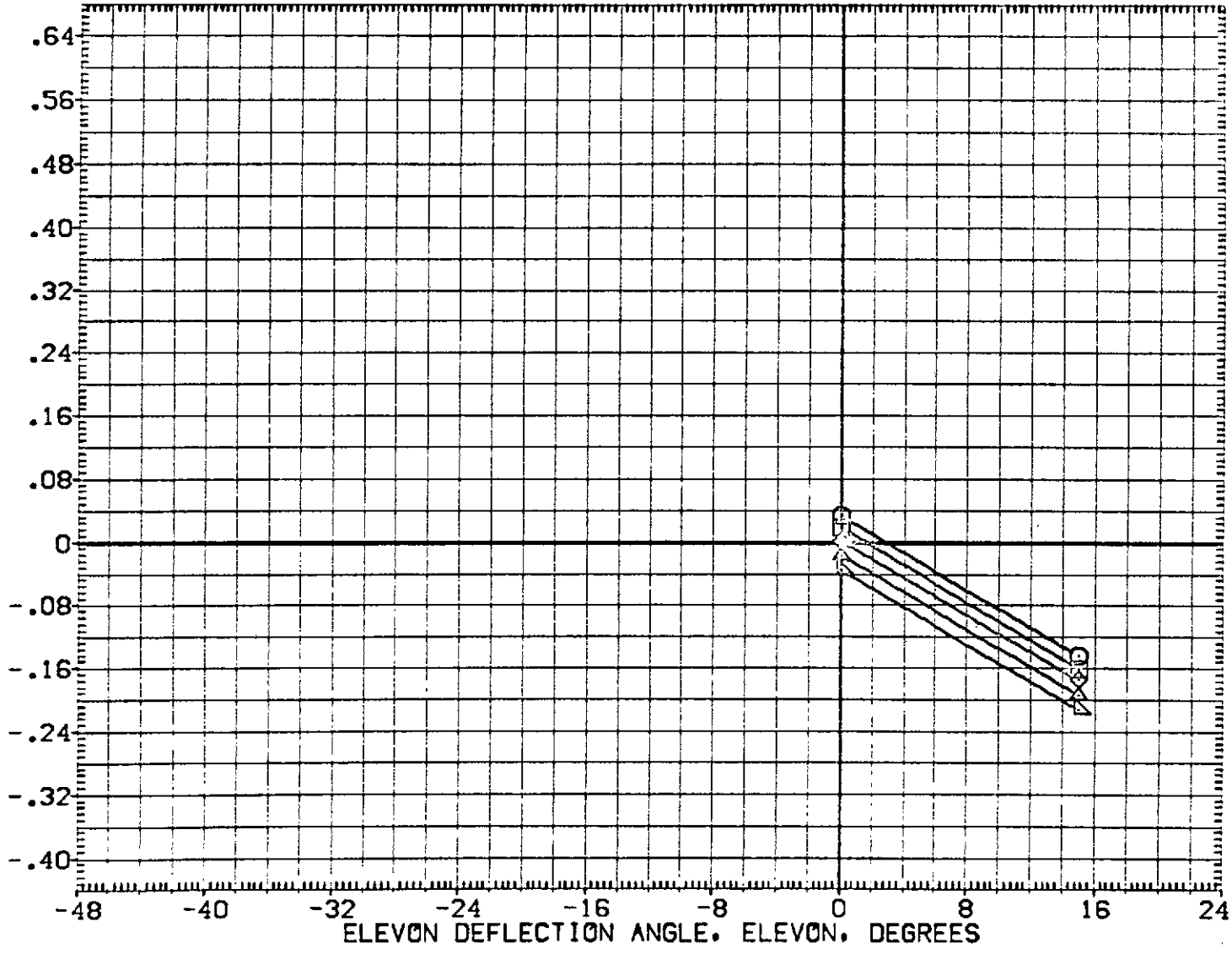


FIG 29 ELEVON EFFECTIVENESS, SPDBRK = 85 DEG., BDFLAP = -11.7 DEG.

0A37 B26 C9 F9 M7 W116 E37 V8 R5 (EF2036)

SYMBOL	ALPHA	PARAMETRIC VALUES				DATA SOURCE				REFERENCE INFORMATION		
○	22.000	MACH	.200	BETA	.000	DATASET	ELEVON	DATASET	ELEVON	SREF	2690.0000	SQ.FT.
□	24.000	BDFLAP	-11.700	AILRON	.000	EF2036	.000	EF2043	15.000	LREF	474.0000	INCHES
◇	28.000	RUDDER	.000	SPDBRK	85.000					BREF	936.0000	INCHES
△	30.000									XMRP	1078.7000	INCHES
										YMRP	.0000	INCHES
										ZMRP	375.0000	INCHES
										SCALE	.0300	

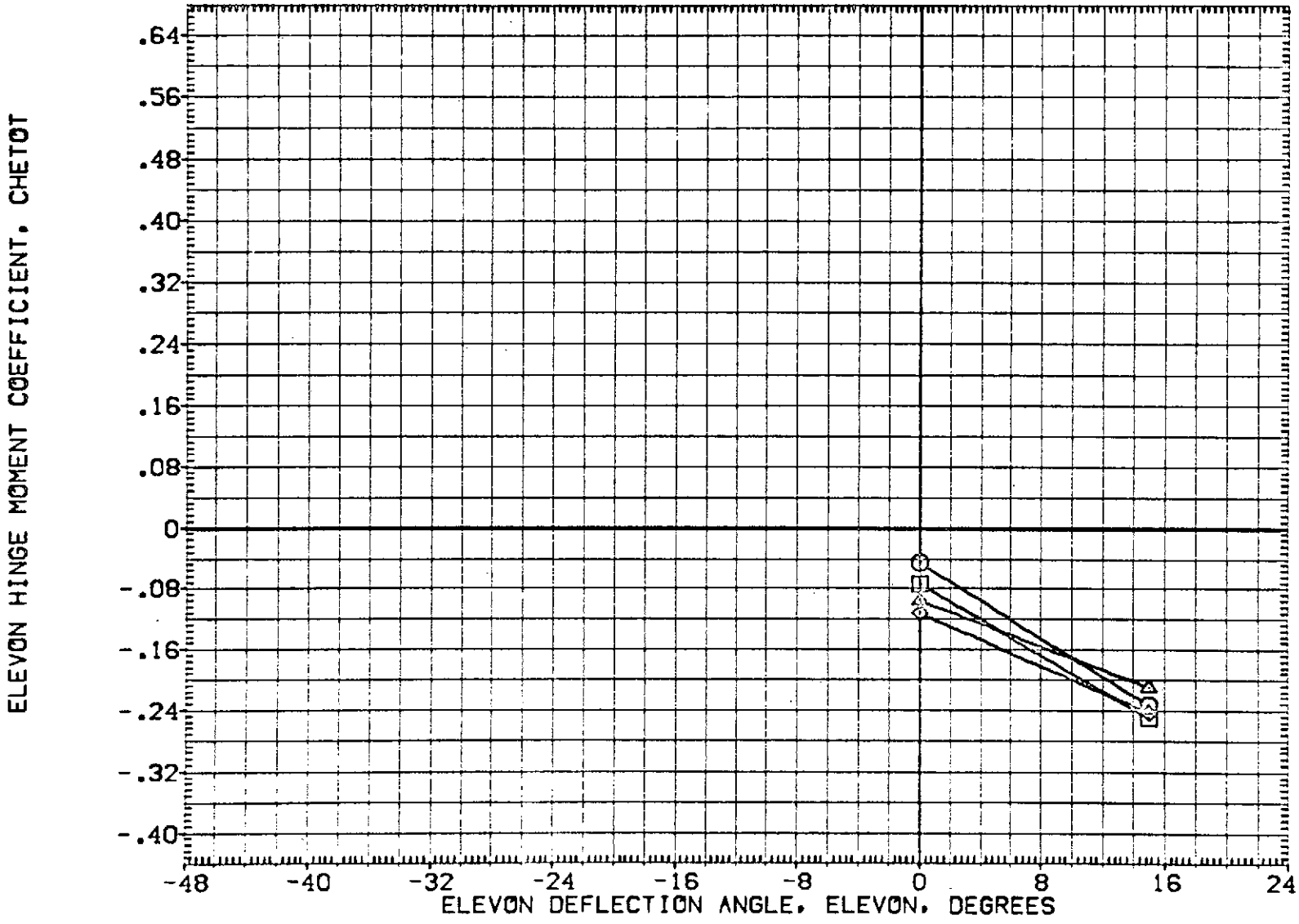


FIG 29 ELEVON EFFECTIVENESS, SPDBRK = 85 DEG., BDFLAP = -11.7 DEG.

DATA SET SYMBOL		CONFIGURATION DESCRIPTION	ELEVON	BDFLAP	SPDBRK	RUDDER
[RF2077]	○	BA37 B26 C9 F9 M7 V11EE39V8 R5	.000	16.000	25.000	.000
[RF2078]	□	BA37 B26 C9 F9 M7 V11EE30V8 R5	15.000	16.000	25.000	.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.0000	INCHES
BREF	960.0000	INCHES
XMRP	1076.7000	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0300	SCALE

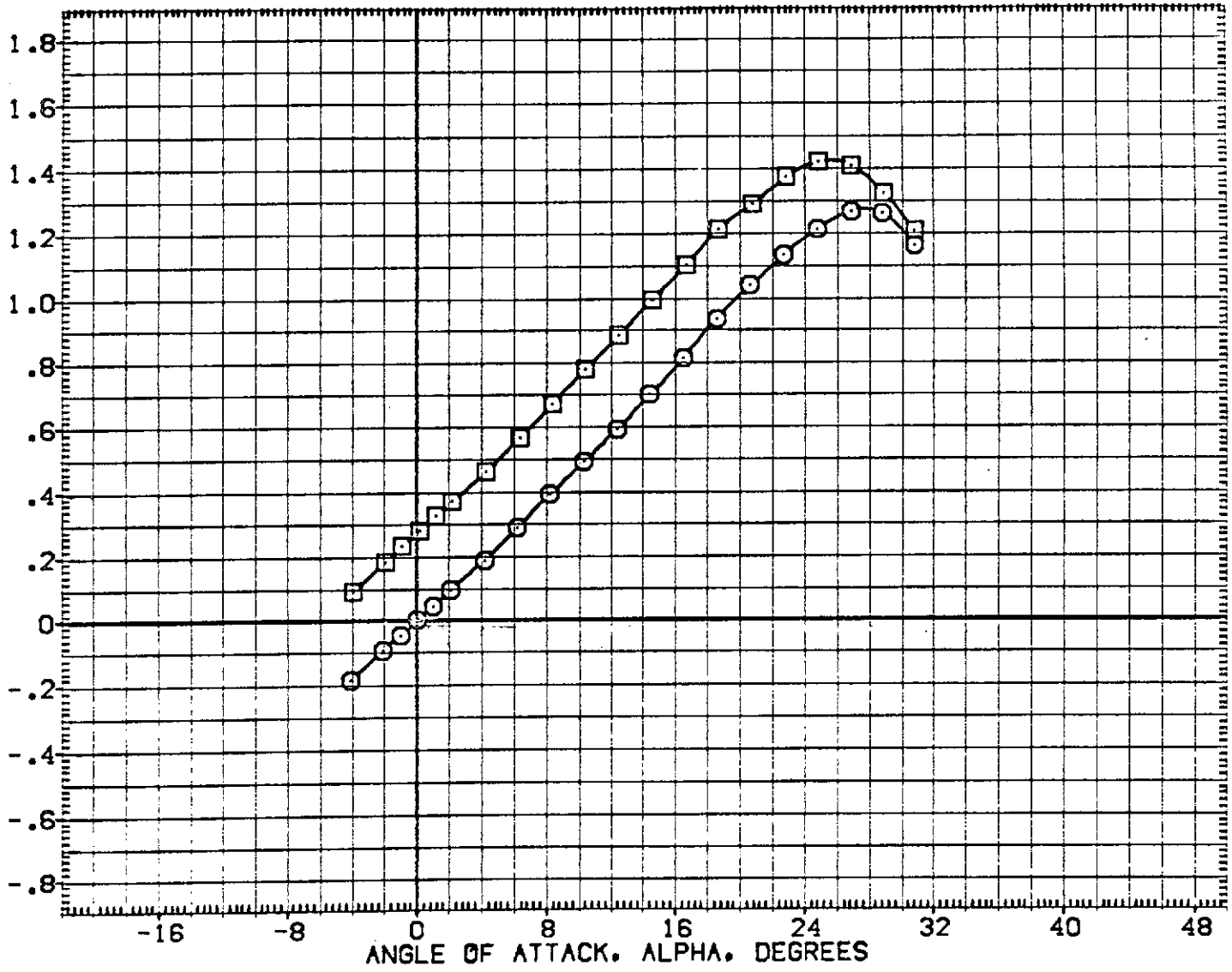


FIG 30 ELEVON EFFECTIVENESS, SPDBRK = 25 DEG., BDFLAP = 16.3 DEG.

(A)MACH = .26

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ELEVON	BDFLAP	SPDBRK	RUDDER
(RF2077)	8	0A37 B26 C9 F9 M7 V11GE30V8 R5	.000	16.000	25.000	.000
(RF2078)	□	0A37 B26 C9 F9 M7 V11GE30V8 R5	15.000	16.000	25.000	.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.0000	INCHES
BREF	963.0000	INCHES
XMRP	1076.7000	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0300	SCALE

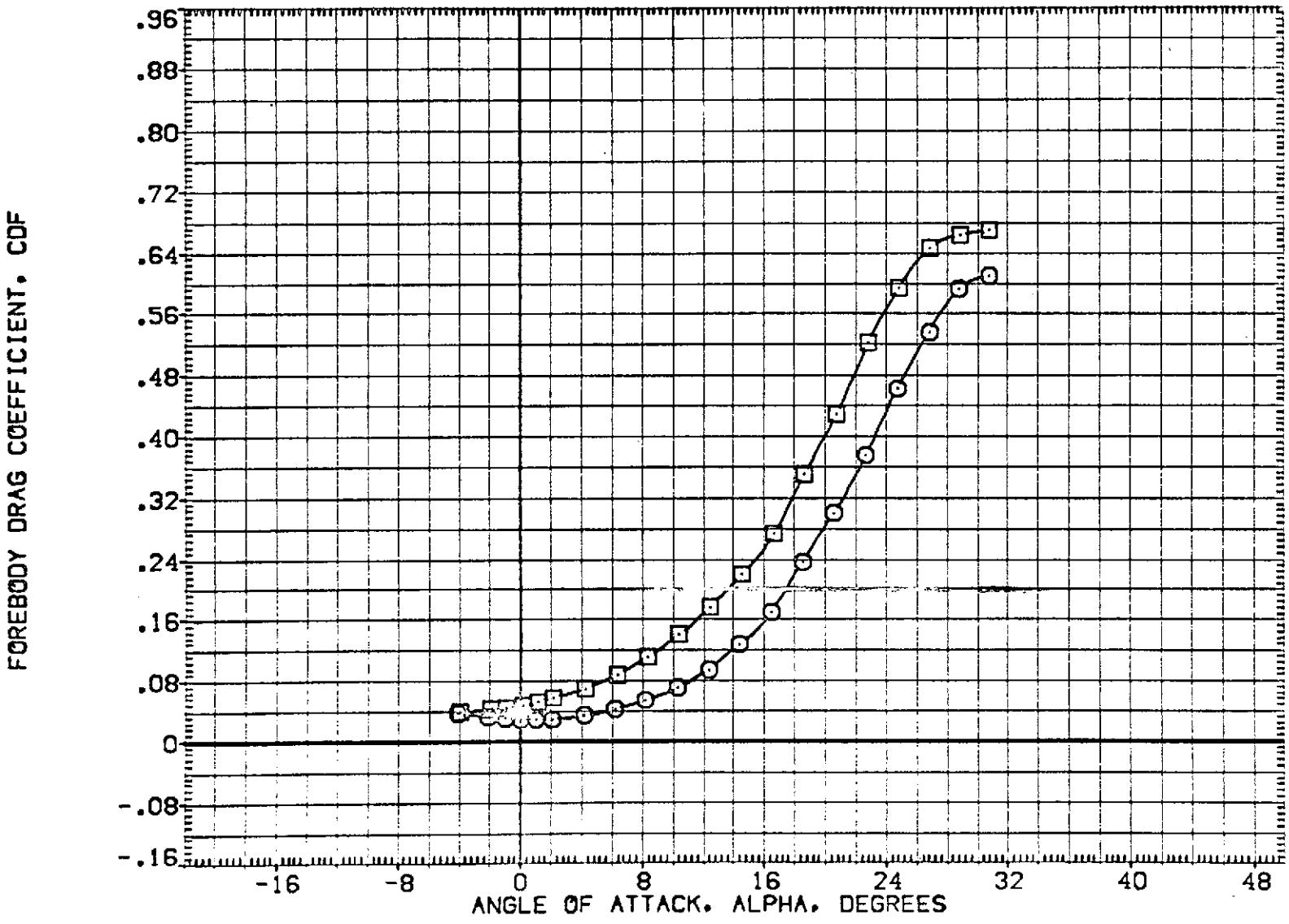


FIG 30 ELEVON EFFECTIVENESS, SPDBRK = 25 DEG., BDFLAP = 16.3 DEG.

(A)MACH = .26

DATA SET SYMBOL		CONFIGURATION DESCRIPTION	ELEVON	BDFLAP	SPDBRK	RUDDER
(RF2077)	○	DA37 B2G C9 F9 M7 V11GE33V8 R5	.000	16.000	25.000	.000
(RF2078)	□	DA37 B2G C9 F9 M7 V11GE33V8 R5	15.000	16.000	25.000	.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.0000	INCHES
BREF	935.0200	INCHES
XMRP	1078.7000	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0300	SCALE

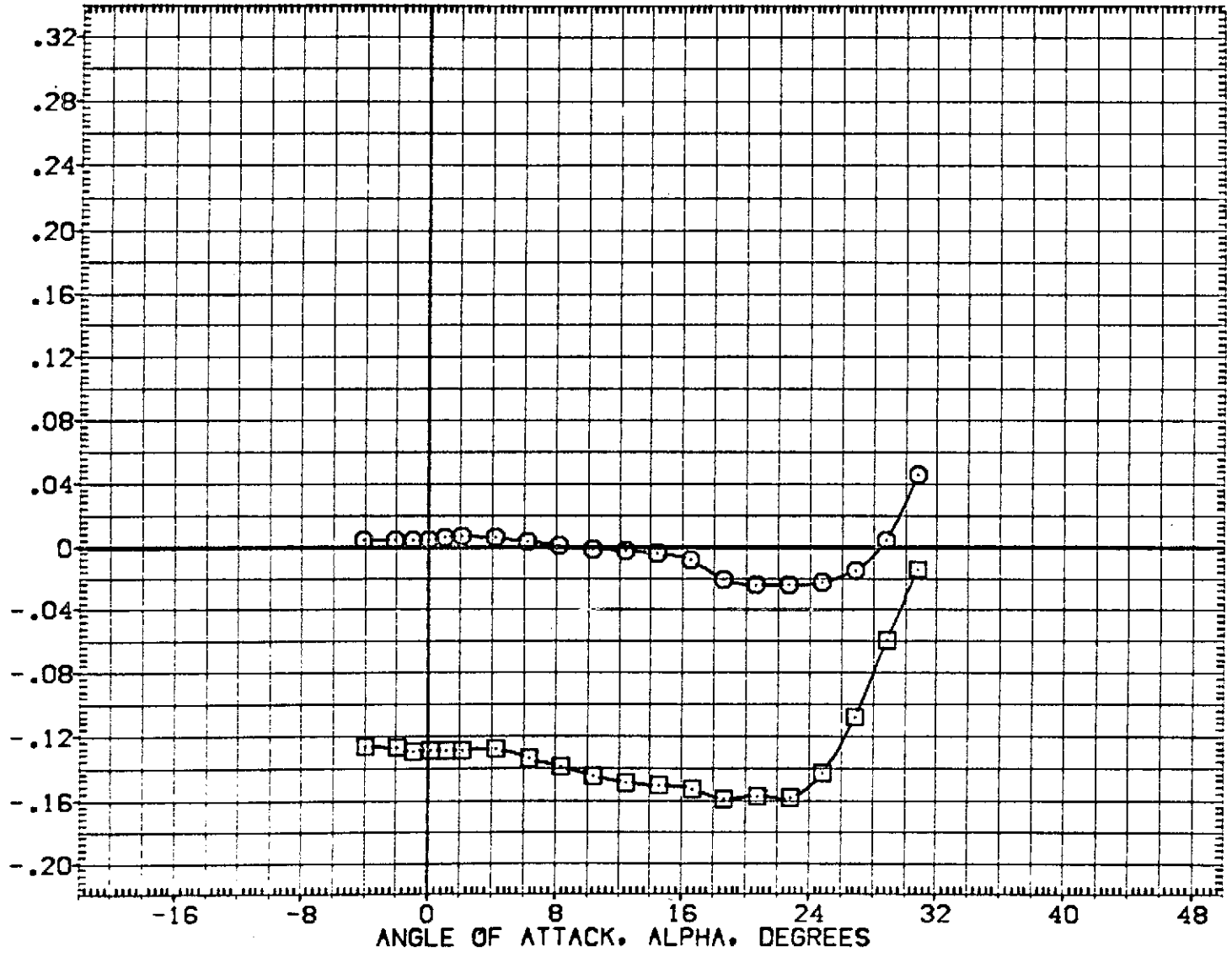


FIG 30 ELEVON EFFECTIVENESS, SPDBRK = 25 DEG., BDFLAP = 16.3 DEG.

(A)MACH = .26

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(BF2077)	○	BA37 B2G C9 F9 M7 V116 E38 V8 R5
(BF2078)	□	BA37 B2G C9 F9 M7 V116 E38 V8 R5

ELEVON	BDFLAP	SPDBRK	RUDDER
.000	16.300	25.000	.000
15.000	16.300	25.000	.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.0000	INCHES
BREF	925.0000	INCHES
XMRP	1076.7000	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0300	

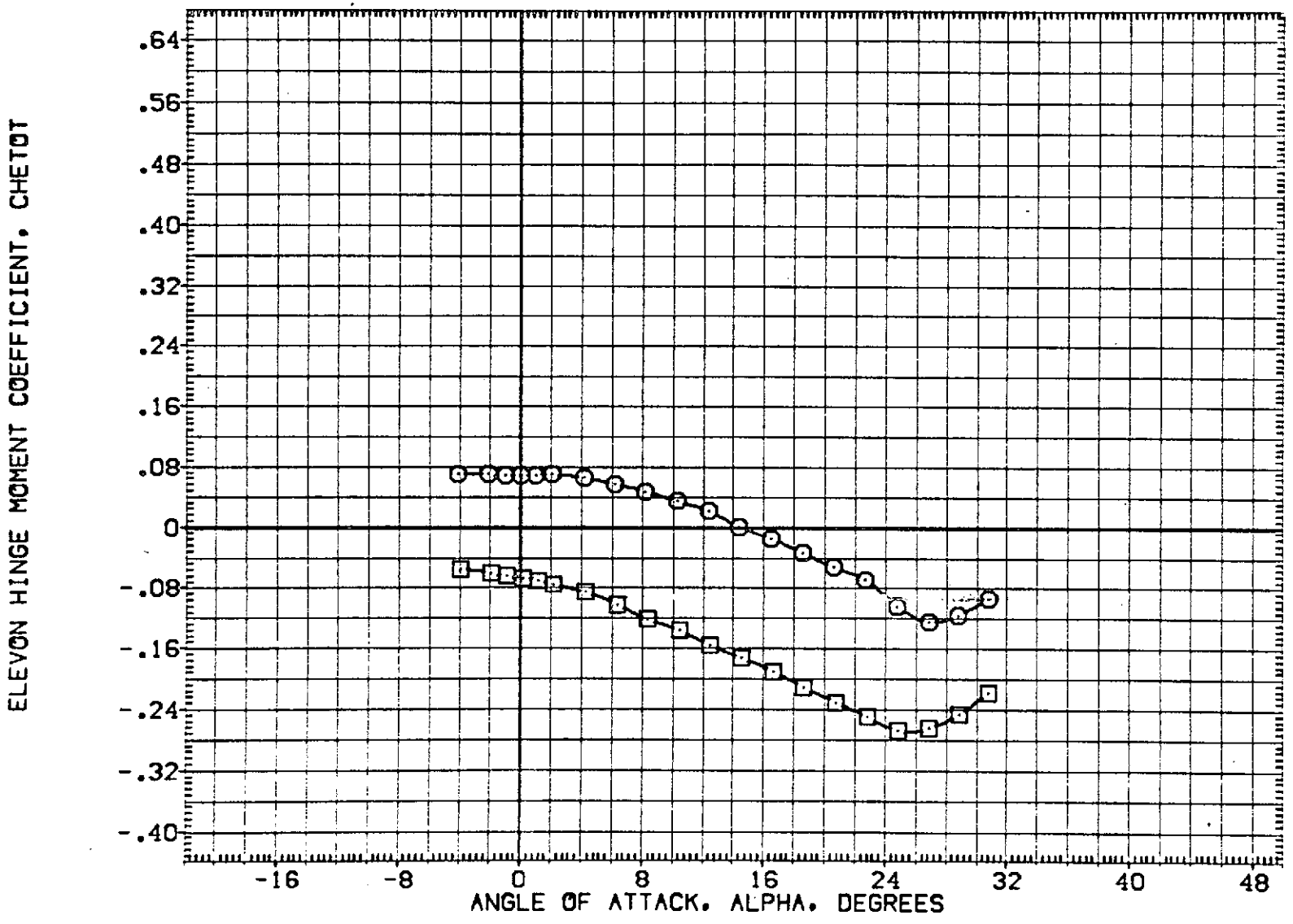


FIG 30 ELEVON EFFECTIVENESS, SPDBRK = 25 DEG., BDFLAP = 16.3 DEG.

(A)MACH = .26

DATA SET SYMBOL		CONFIGURATION DESCRIPTION	DELVON	BDFLAP	SPDBRK	RUDDER
(NF2077)	○	BA37 B26 C9 F9 H7 V116 E38 V8 R5	.000	16.300	25.000	.000
(NF2078)	□	BA37 B26 C9 F9 H7 V116 E38 V8 R5	15.000	16.300	25.000	.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.8000	INCHES
BREF	935.8000	INCHES
XMRP	1076.7000	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0300	

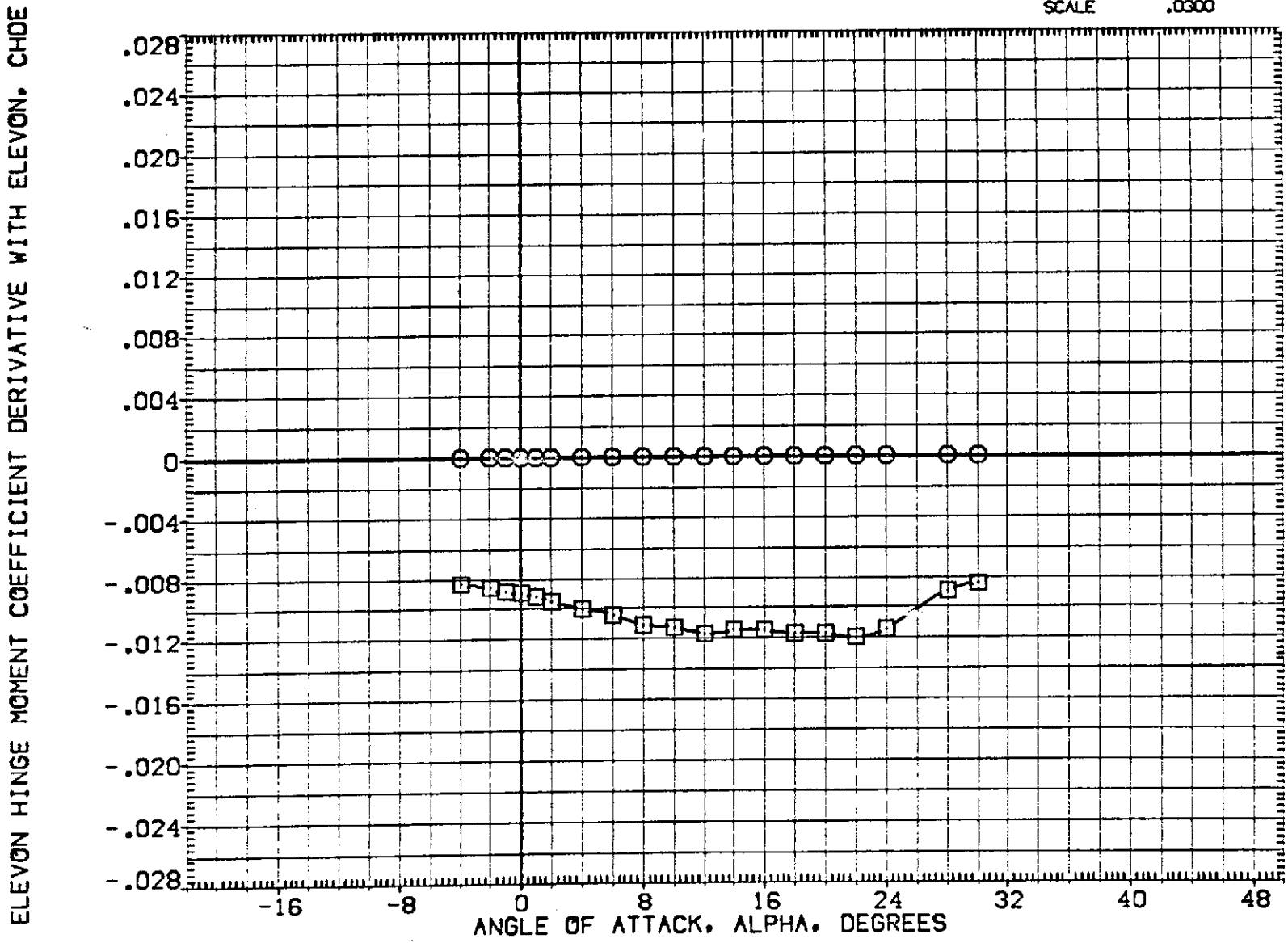


FIG 30 ELEVON EFFECTIVENESS, SPDBRK = 25 DEG., BDFLAP = 16.3 DEG.

(A)MACH = .26

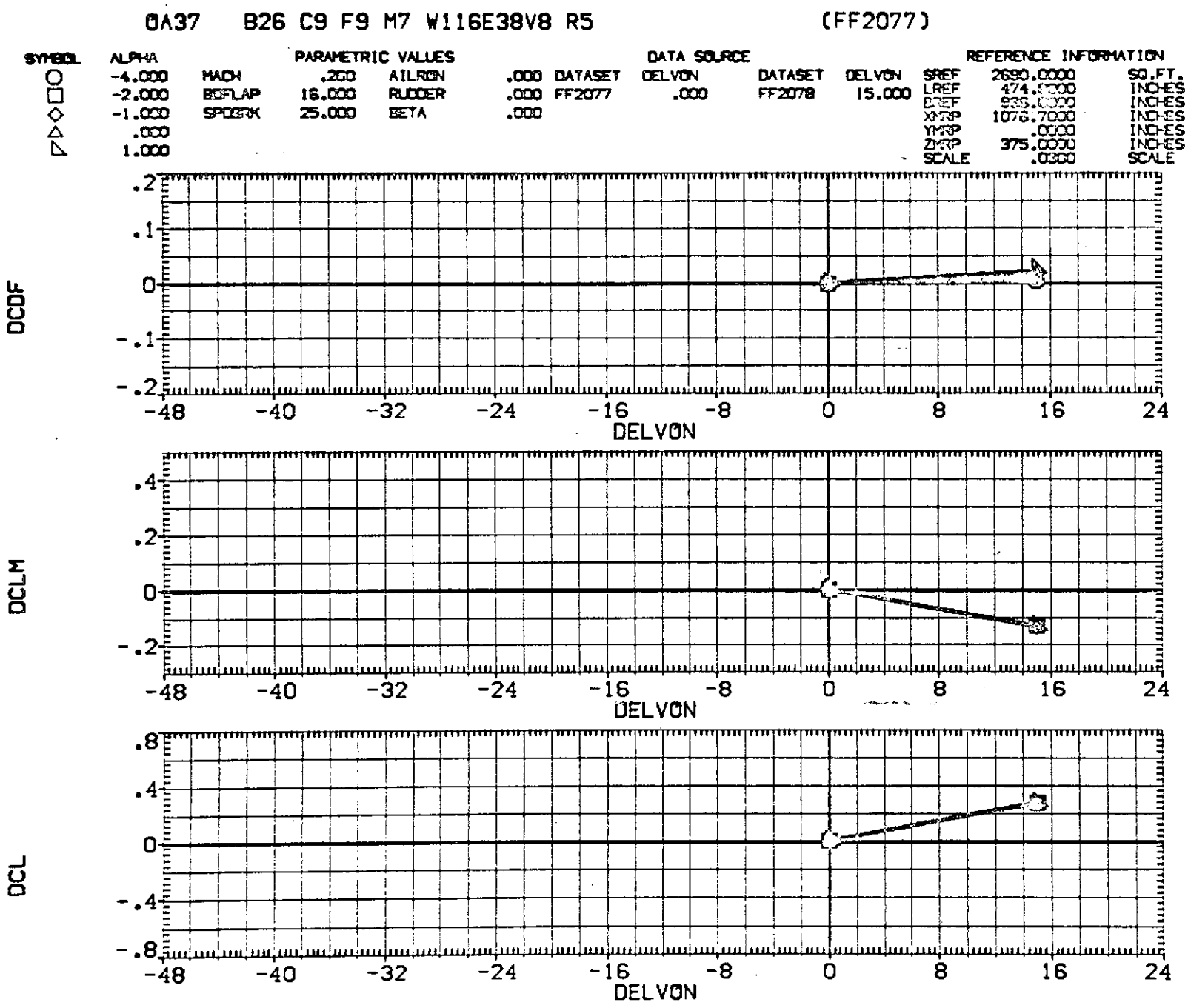


FIG 30 ELEVØN EFFECTIVENESS, SPDBRK = 25 DEG., BDFLAP = 16.3 DEG.

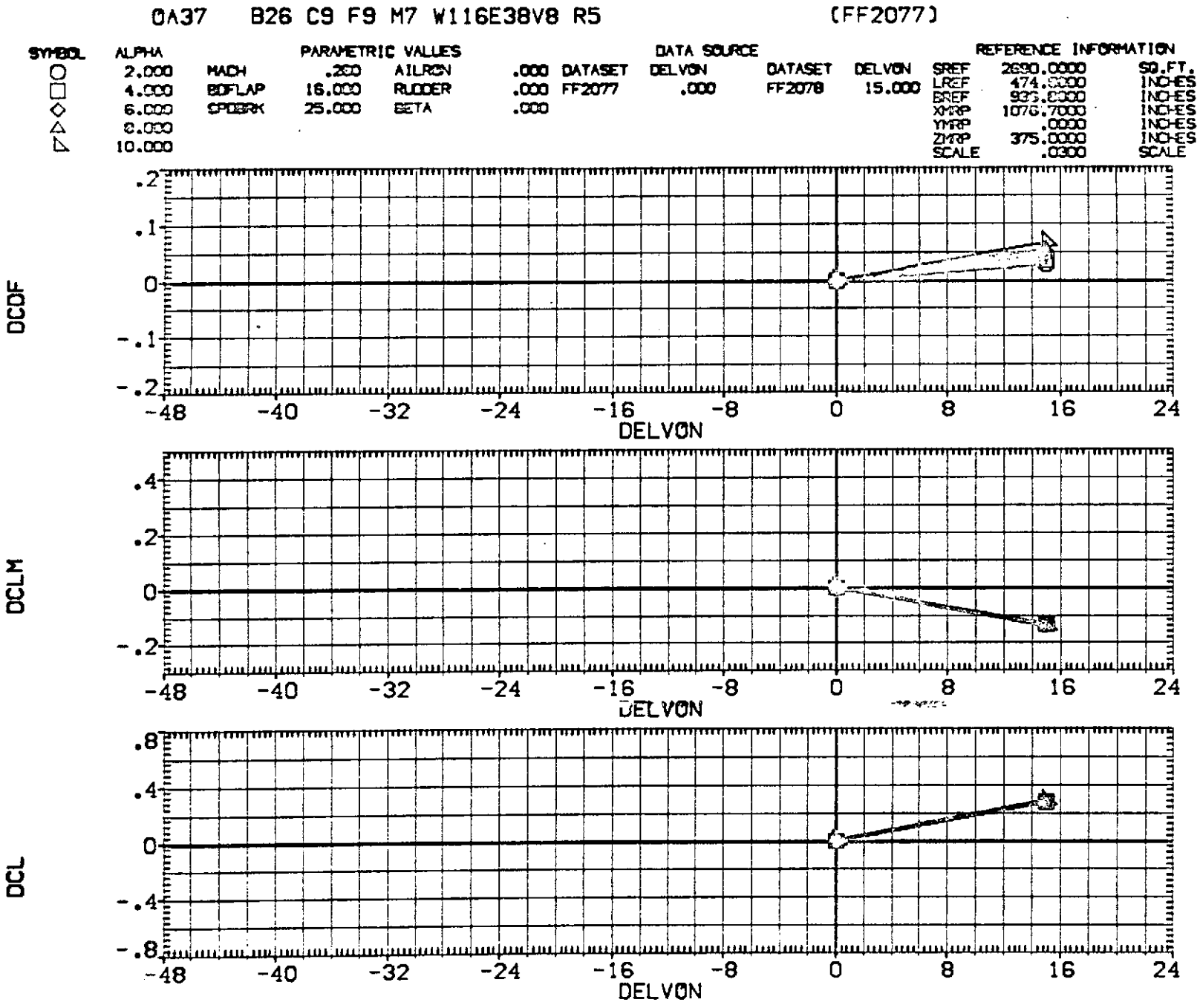


FIG 30 ELEVON EFFECTIVENESS, SPDBRK = 25 DEG., BDFLAP = 16.3 DEG.

0A37 B26 C9 F9 M7 W116E38V8 R5 (FF2077)

SYMBOL	ALPHA		PARAMETRIC VALUES			DATA SOURCE				REFERENCE INFORMATION		
○	12.000	MACH	.200	AILRON	.000	DATASET	DELVON	DATASET	DELVON	SREF	2690.0000	SQ.FT.
□	14.000	BDFLAP	16.000	RUDDER	.000	FF2077	.000	FF2078	15.000	LREF	474.0000	INCHES
◇	16.000	SPDBRK	25.000	BETA	.000					BREF	936.8000	INCHES
△	18.000									XMRP	1076.7000	INCHES
◺	20.000									YMRP	.0000	INCHES
										ZMRP	375.0000	INCHES
										SCALE	.0300	SCALE

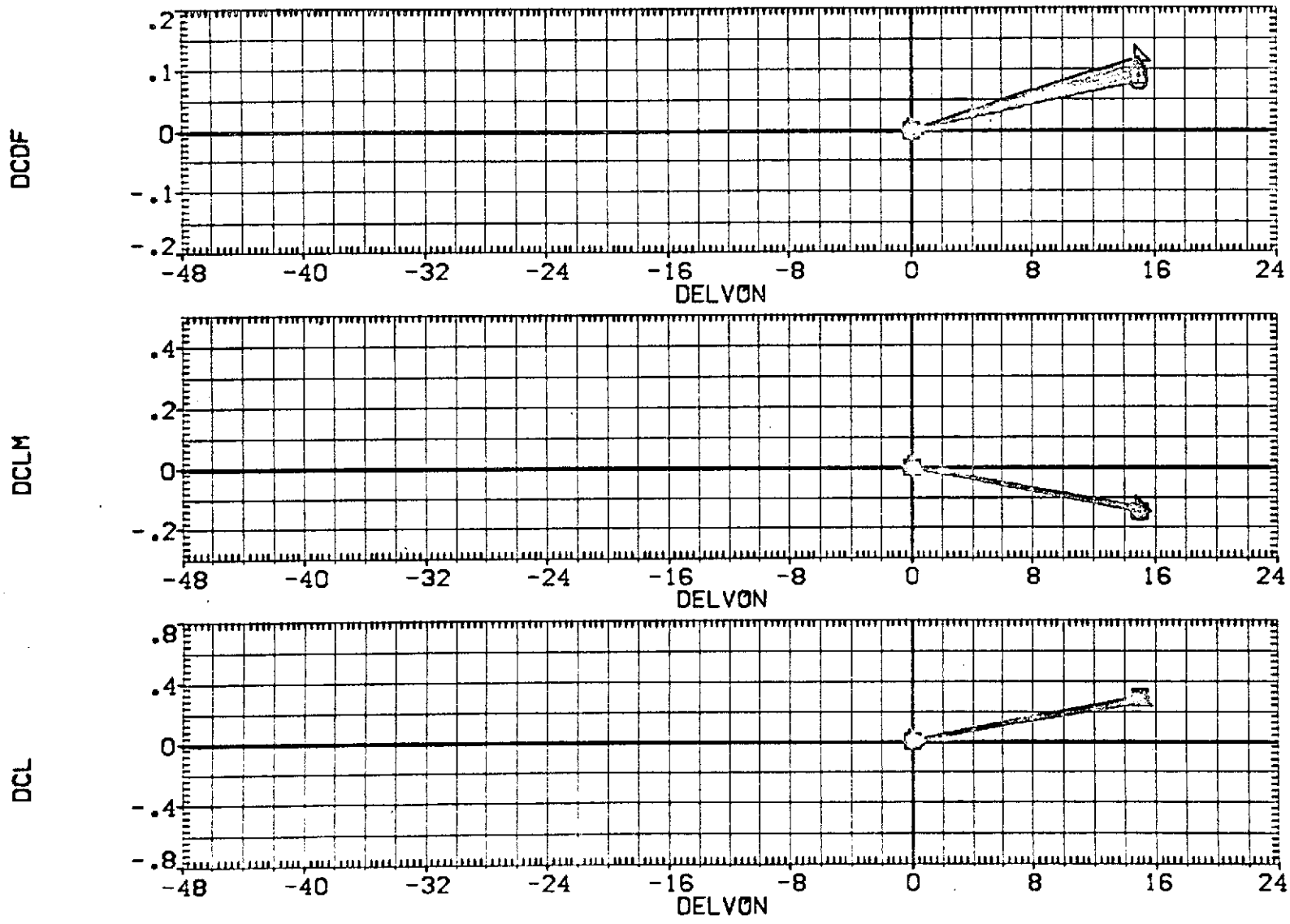


FIG 30 ELEVON EFFECTIVENESS, SPDBRK = 25 DEG., BDFLAP = 16.3 DEG.

SYMBOL	ALPHA		PARAMETRIC VALUES			DATA SOURCE				REFERENCE INFORMATION		
○	22.000	MACH	.260	AILRON	.000	DATASET	DELVON	DATASET	DELVON	SREF	2690.0000	SQ.FT.
□	24.000	BDFLAP	16.000	RUDDER	.000	FF2077	.000	FF2078	15.000	LREF	474.0000	INCHES
◇	28.000	SPDBRK	25.000	BETA	.000					BREF	935.6000	INCHES
△	30.000									XMRP	1076.7000	INCHES
										YMRP	.0000	INCHES
										ZMRP	375.0000	INCHES
										SCALE	.0300	SCALE

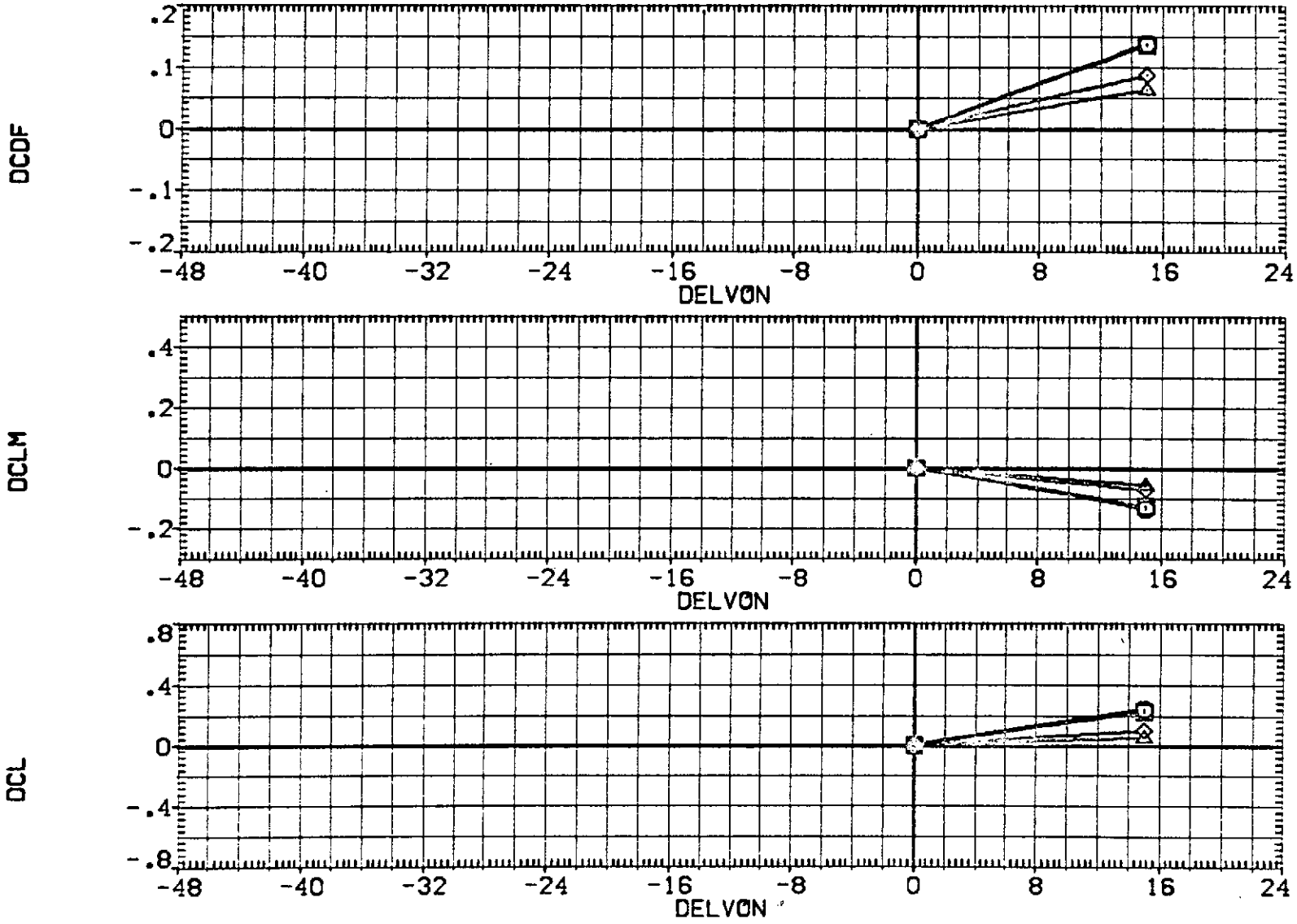


FIG 30 ELEVON EFFECTIVENESS, SPDBRK = 25 DEG., BDFLAP = 16.3 DEG.

SYMBOL	ALPHA		PARAMETRIC VALUES			DATA SOURCE				REFERENCE INFORMATION		
○	-4.000	MACH	.200	AILRON	.000	DATASET	DELVON	DATASET	DELVON	SREF	2690.0000	SQ.FT.
□	-2.000	BDFLAP	16.000	RUDDER	.000	FF2077	.000	FF2078	15.000	LREF	474.6000	INCHES
◇	-1.000	SPDBRK	25.000	BETA	.000					BREF	925.6000	INCHES
△	.000									XMRP	1078.7000	INCHES
◁	1.000									YMRP	.0000	INCHES
										ZMRP	375.0000	INCHES
										SCALE	.0300	SCALE

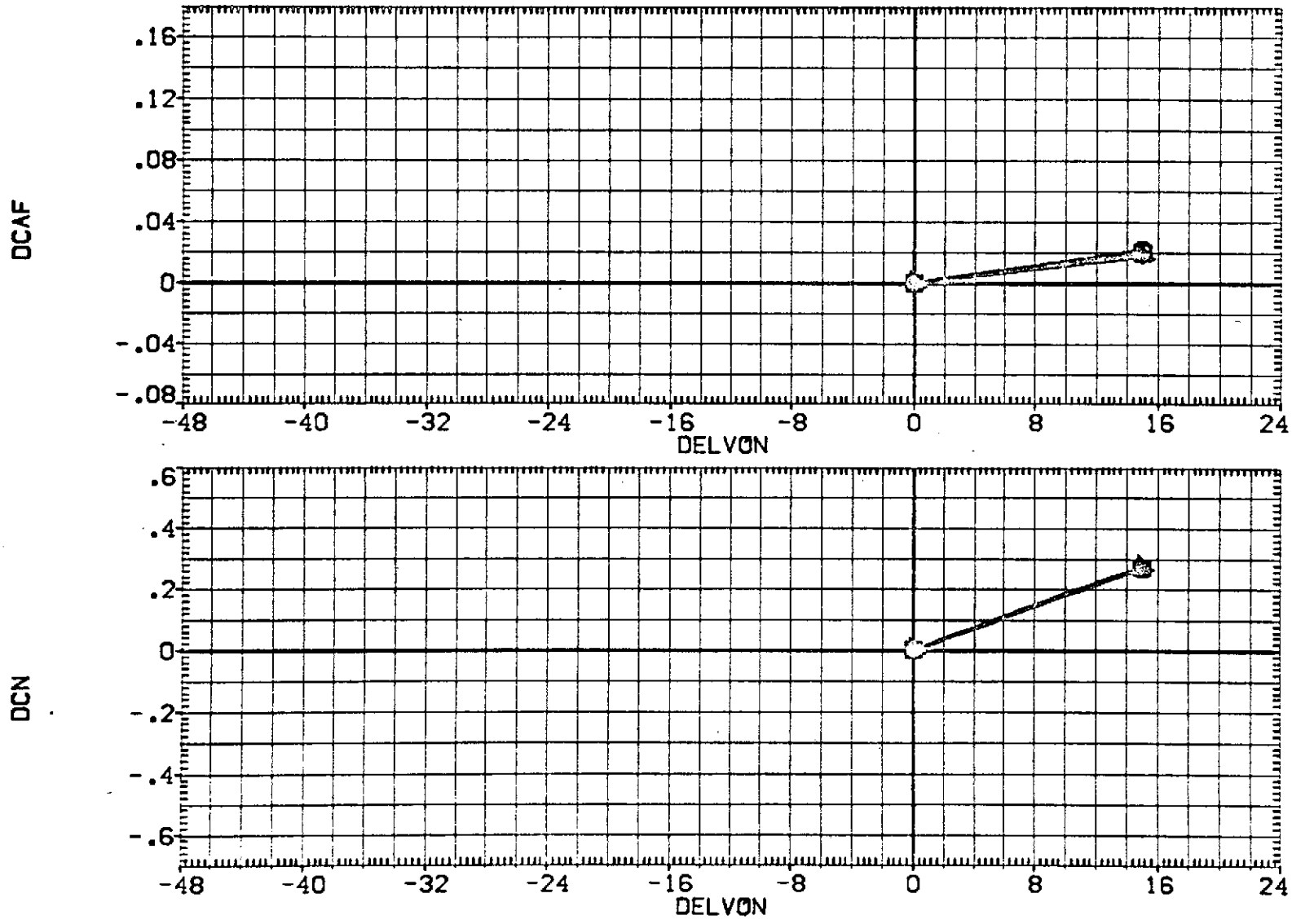


FIG 30 ELEVON EFFECTIVENESS, SPDBRK = 25 DEG., BDFLAP = 16.3 DEG.

SYMBOL	ALPHA		PARAMETRIC VALUES			DATA SOURCE				REFERENCE INFORMATION		
○	2.000	MACH	.260	AILRON	.000	DATASET	DELVON	DATASET	DELVON	SREF	2690.0000	SQ.FT.
□	4.000	BDFLAP	16.000	RUDDER	.000	FF2077	.000	FF2078	15.000	LREF	474.0000	INCHES
◇	6.000	SPDBRK	25.000	BETA	.000					BREF	936.5000	INCHES
△	8.000									XMRP	1076.7000	INCHES
◺	10.000									YMRP	.0000	INCHES
										ZMRP	375.0000	INCHES
										SCALE	.0300	SCALE

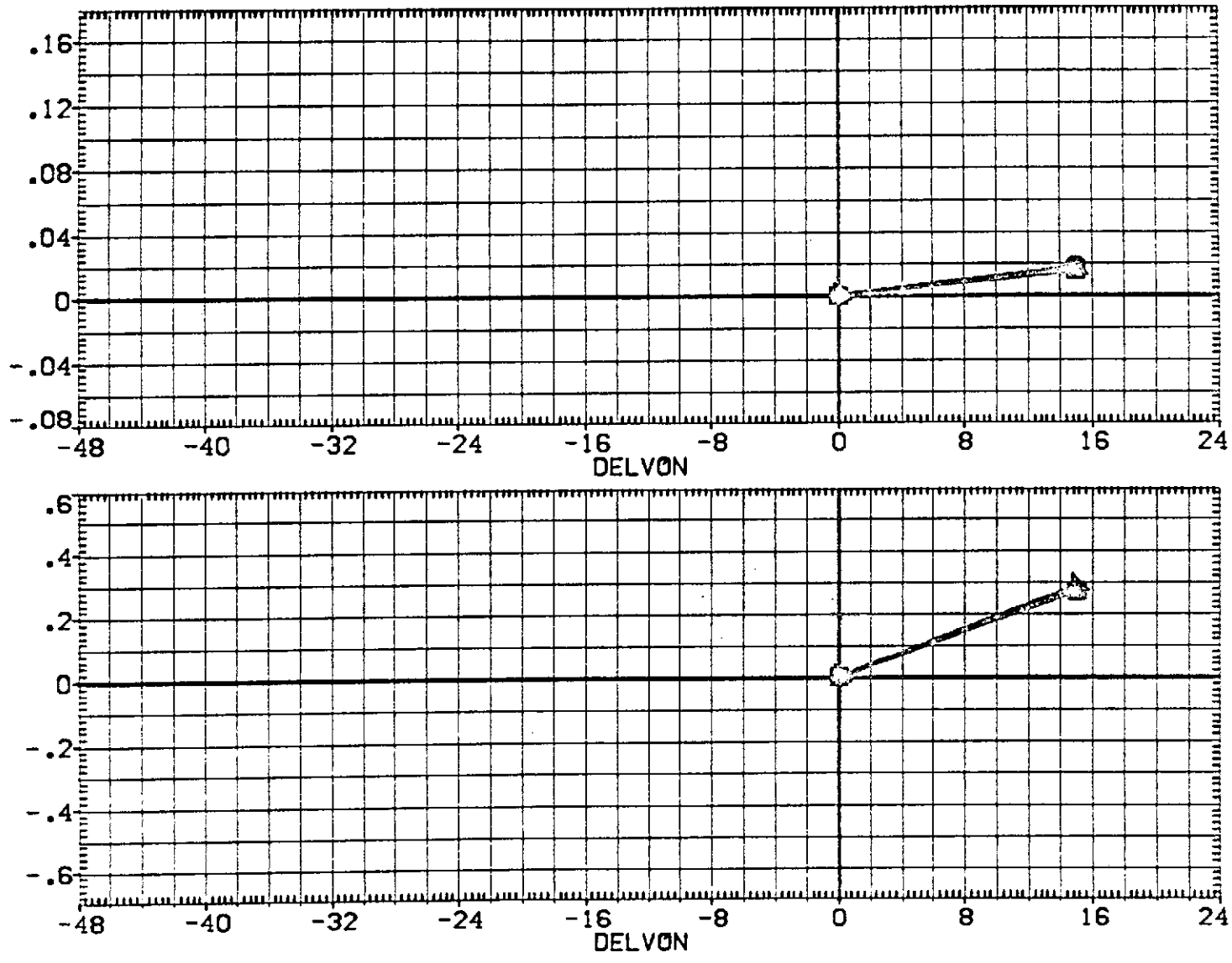


FIG 30 ELEVON EFFECTIVENESS, SPDBRK = 25 DEG., BDFLAP = 16.3 DEG.

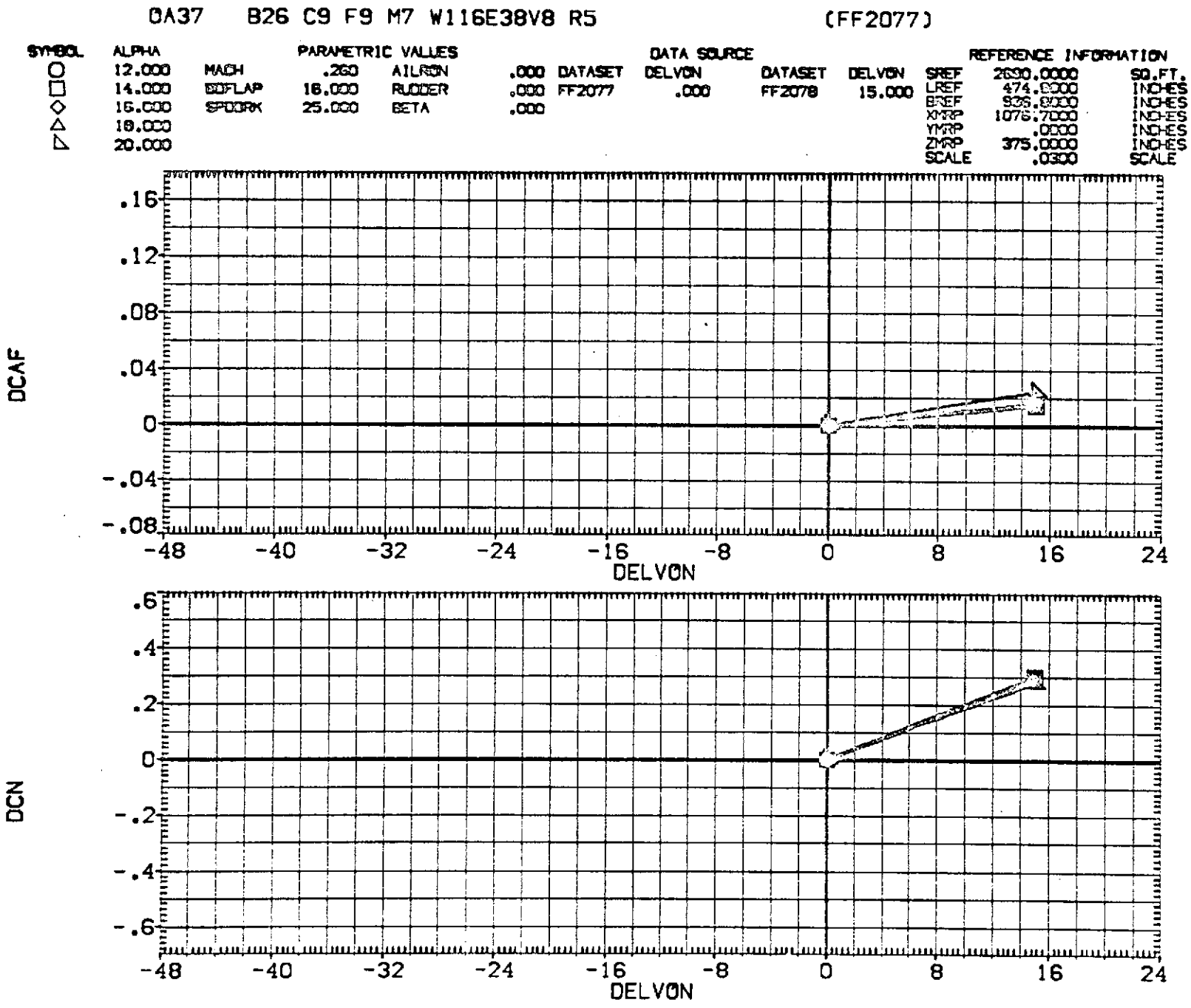


FIG 30 ELEVON EFFECTIVENESS, SPDBRK = 25 DEG., BDFLAP = 16.3 DEG.

0A37 B26 C9 F9 M7 W116E38V8 R5 (FF2077)

SYMBOL	ALPHA		PARAMETRIC VALUES			DATA SOURCE				REFERENCE INFORMATION		
○	22.000	MACH	.260	AILRON	.000	DATASET	DELVON	DATASET	DELVON	SREF	2690.0000	SQ.FT.
□	24.000	BDFLAP	16.000	RUDDER	.000	FF2077	.000	FF2078	15.000	LREF	474.0000	INCHES
◇	28.000	SPDBRK	25.000	BETA	.000					BREF	935.0000	INCHES
△	30.000									XMRP	1076.7000	INCHES
										YMRP	.0000	INCHES
										ZMRP	375.0000	INCHES
										SCALE	.0300	SCALE

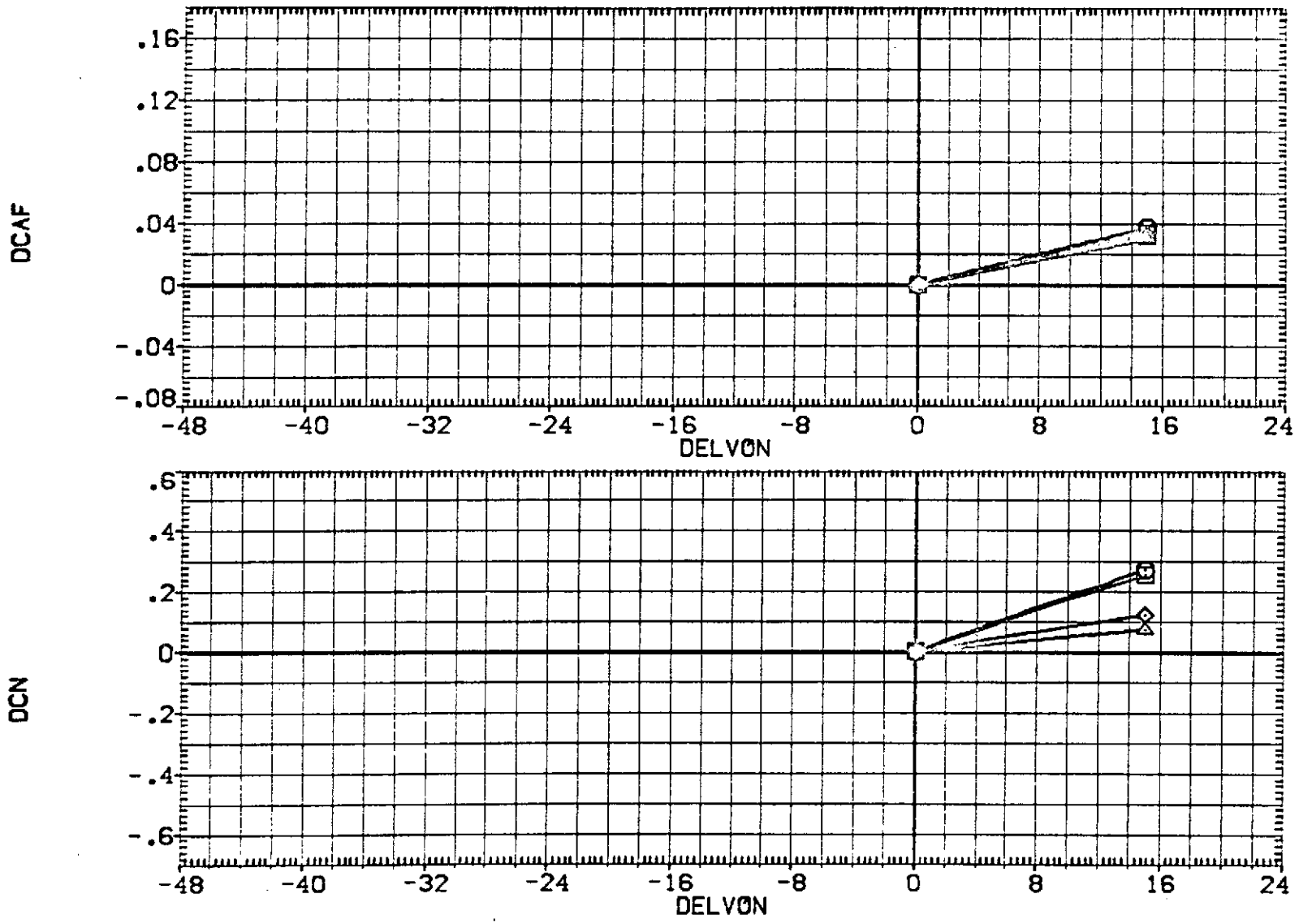


FIG 30 ELEVON EFFECTIVENESS, SPDBRK = 25 DEG., BDFLAP = 16.3 DEG.

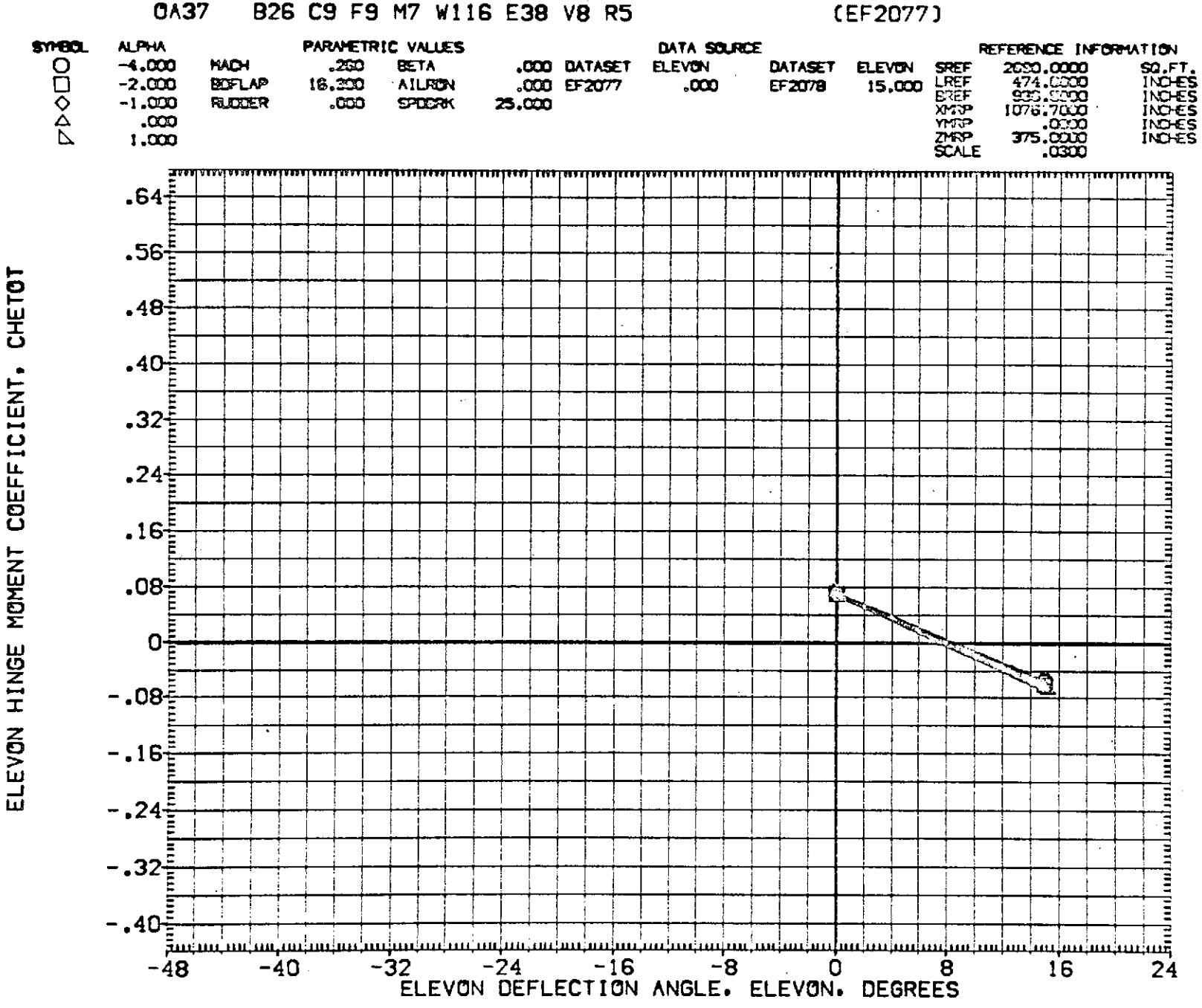


FIG 30 ELEVON EFFECTIVENESS, SPDBRK = 25 DEG., BDFLAP = 16.3 DEG.

SYMBOL	ALPHA	PARAMETRIC VALUES				DATA SOURCE				REFERENCE INFORMATION		
○	2.000	MACH	.260	BETA	.000	DATASET	ELEVON	DATASET	ELEVON	SREF	2690.0000	SQ.FT.
□	4.000	BDFLAP	16.300	AILRON	.000	EF2077	.000	EF2078	15.000	LREF	474.6000	INCHES
◇	6.000	RUDDER	.000	SPDBRK	25.000					BREF	936.0000	INCHES
△	8.000									XMRP	1076.7000	INCHES
◺	10.000									YMRP	.0000	INCHES
										ZMRP	375.0000	INCHES
										SCALE	.0300	

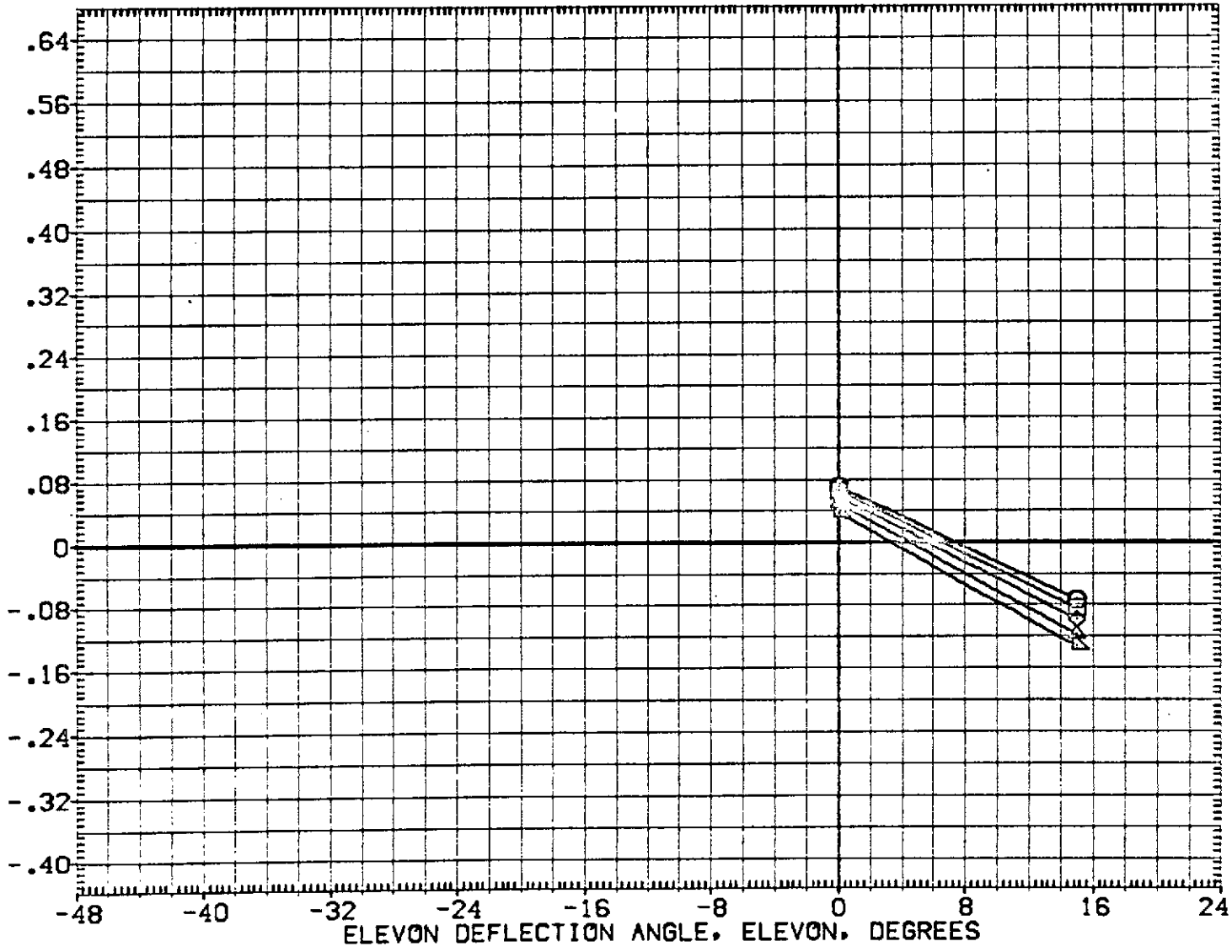


FIG 30 ELEVON EFFECTIVENESS, SPDBRK = 25 DEG., BDFLAP = 16.3 DEG.

0A37 B26 C9 F9 M7 W116 E38 V8 R5 (EF2077)

SYMBOL	ALPHA	PARAMETRIC VALUES				DATA SOURCE				REFERENCE INFORMATION		
○	12.000	MACH	.260	BETA	.000	DATASET	ELEVON	DATASET	ELEVON	SREF	2690.0000	SQ.FT.
□	14.000	BDFLAP	16.300	AILRON	.000	EF2077	.000	EF2078	15.000	LREF	474.2000	INCHES
◇	16.000	RUDDER	.000	SPDBRK	25.000					BREF	936.6000	INCHES
△	18.000									XMRP	1076.7000	INCHES
◁	20.000									YMRP	.0000	INCHES
										ZMRP	375.0000	INCHES
										SCALE	.0300	

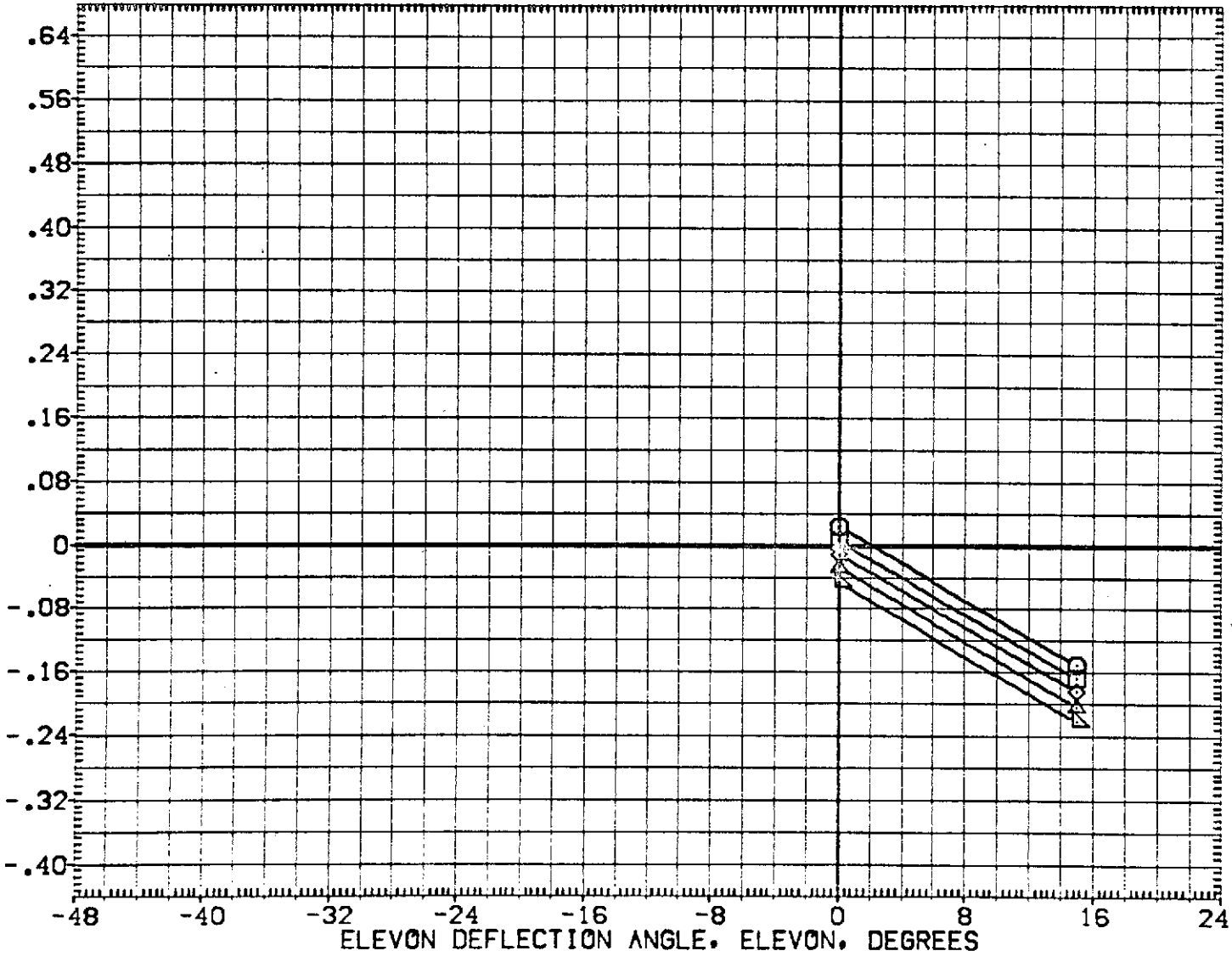


FIG 30 ELEVON EFFECTIVENESS, SPDBRK = 25 DEG., BDFLAP = 16.3 DEG.

0A37 B26 C9 F9 M7 W116 E38 V8 R5 (EF2077)

SYMBOL	ALPHA		PARAMETRIC VALUES			DATA SOURCE				REFERENCE INFORMATION		
○	22.000	MACH	.200	BETA	.000	DATASET	ELEVON	DATASET	ELEVON	SREF	2690.0000	SQ.FT.
□	24.000	BDFLAP	16.300	AILRON	.000	EF2077	.000	EF2078	15.000	LREF	474.6000	INCHES
◇	26.000	RUDDER	.000	SPDBRK	25.000					BREF	936.0000	INCHES
△	30.000									XMRP	1076.7000	INCHES
										YMRP	.0000	INCHES
										ZMRP	375.0000	INCHES
										SCALE	.0300	

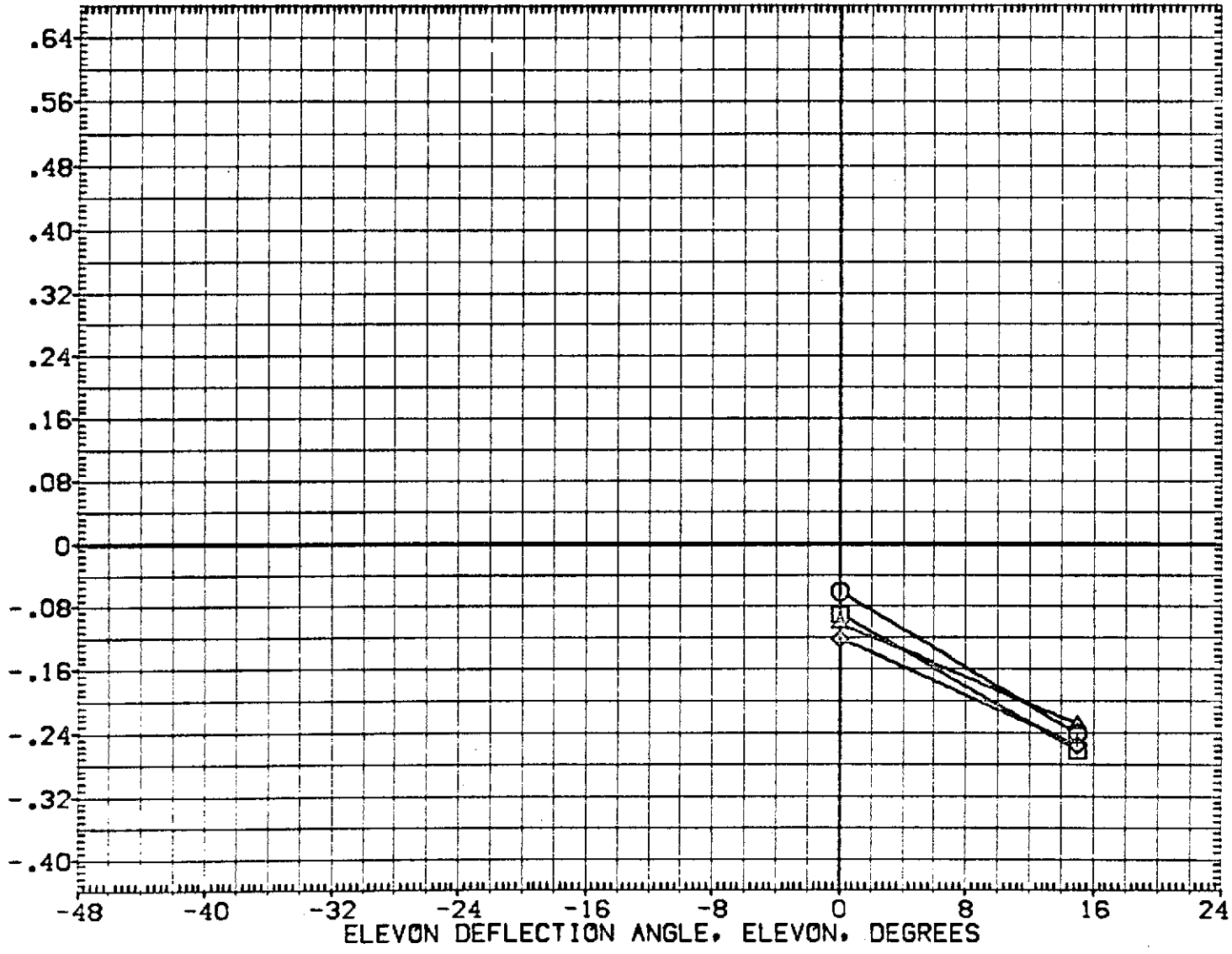


FIG 30 ELEVON EFFECTIVENESS, SPDBRK = 25 DEG., BDFLAP = 16.3 DEG.

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ELEVON	BOFLAP	SPOBRK	RUDDER
(RF2108)	○	BA37 B26 C9 F9 M7 V11GE30V8 R11	-40.000	-12.000	25.000	.000
(RF2105)	□	BA37 B26 C9 F9 M7 V11GE30V8 R11	-20.000	-12.000	25.000	.000
(RF2104)	◇	BA37 B26 C9 F9 M7 V11GE30V8 R11	.000	-12.000	25.000	.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.8000	INCHES
BREF	935.6000	INCHES
XMRP	1076.7000	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0300	SCALE

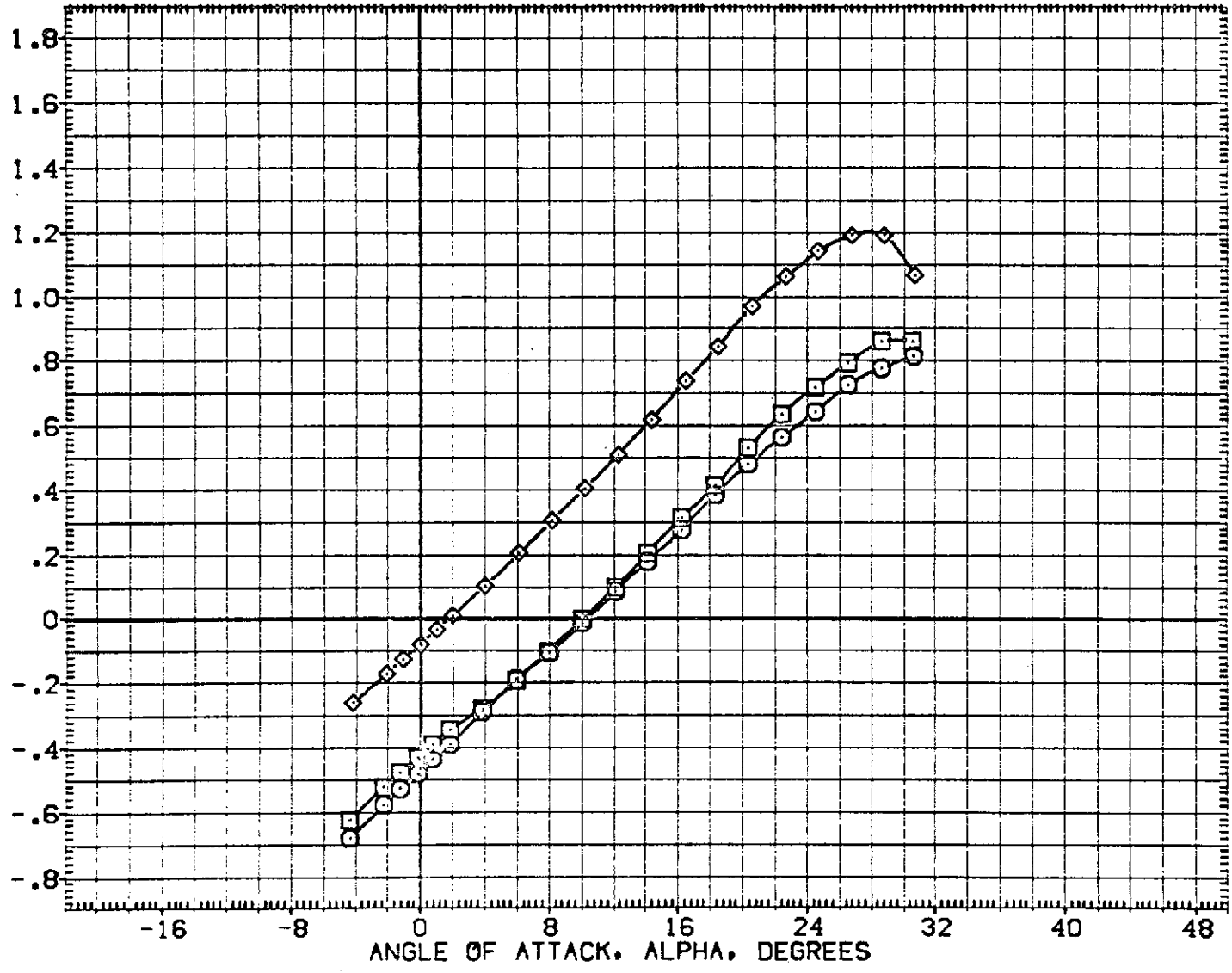


FIG 31 ELEVON EFFECTIVENESS, NO ELEVON GAP

(A)MACH = .26

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELEVON	BOFLAP	SPOBRK	RUDDER
[RF2108] ○	0A37 B26 C9 F9 M7 V11[illegible] R11	-40.000	-12.000	25.000	.000
[RF2105] □	0A37 B26 C9 F9 M7 V11[illegible] R11	-20.000	-12.000	25.000	.000
[RF2104] ◇	0A37 B26 C9 F9 M7 V11[illegible] R11	.000	-12.000	25.000	.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.0000	INCHES
BREF	909.0000	INCHES
XMRP	1078.7000	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0300	SCALE

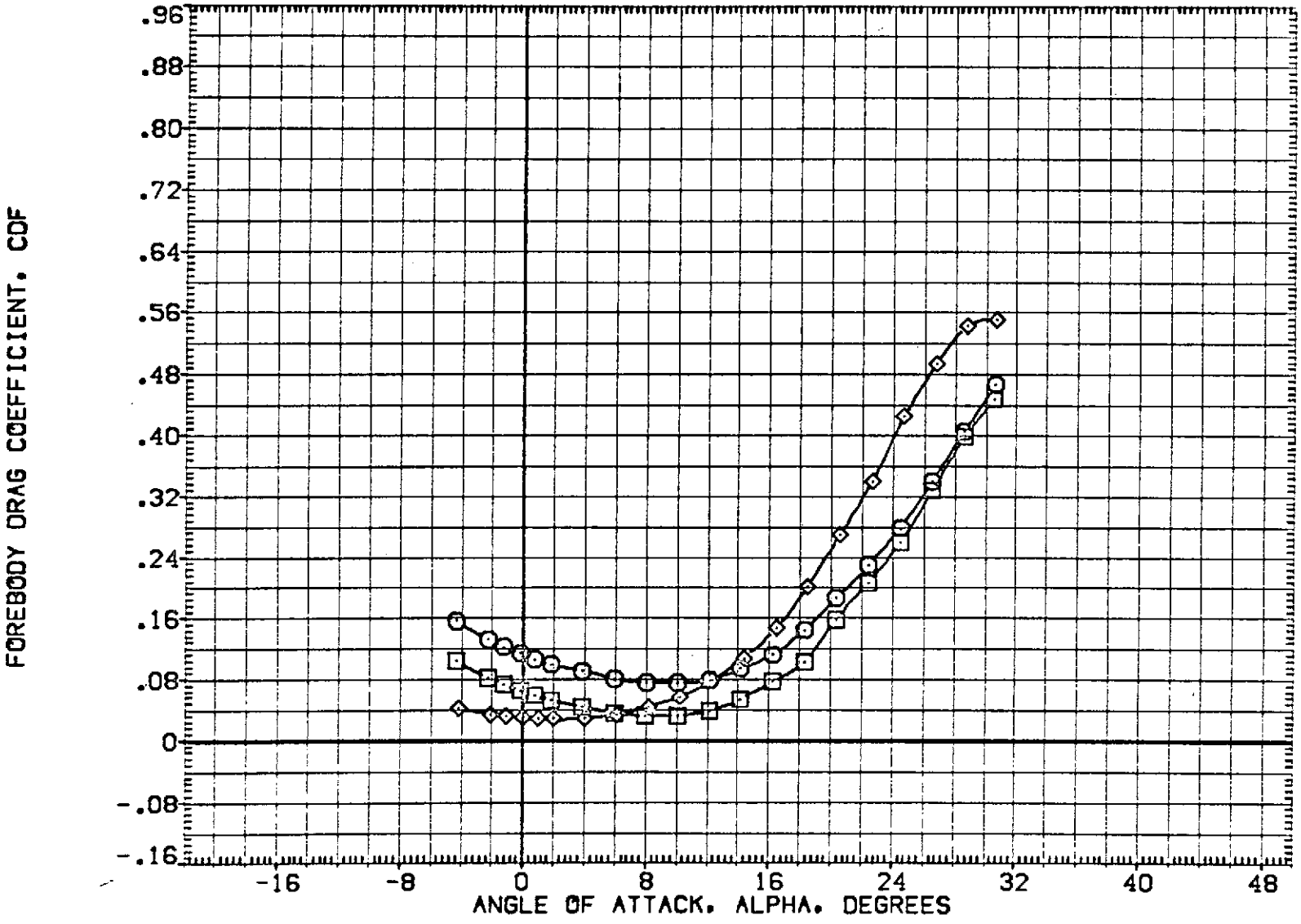


FIG 31 ELEVON EFFECTIVENESS, NO ELEVON GAP

(A)MACH = .26

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ELEVON	BOFLAP	SPOBRK	RUDDER
(RF2103)	○	GA37 B26 C9 F9 M7 V116E39V8 R11	-40.000	-12.000	25.000	.000
(RF2105)	□	GA37 B26 C9 F9 M7 V116E39V8 R11	-20.000	-12.000	25.000	.000
(RF2104)	◇	GA37 B26 C9 F9 M7 V116E39V8 R11	.000	-12.000	25.000	.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.0000	INCHES
BREF	935.0000	INCHES
XMRP	1076.7600	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0300	SCALE

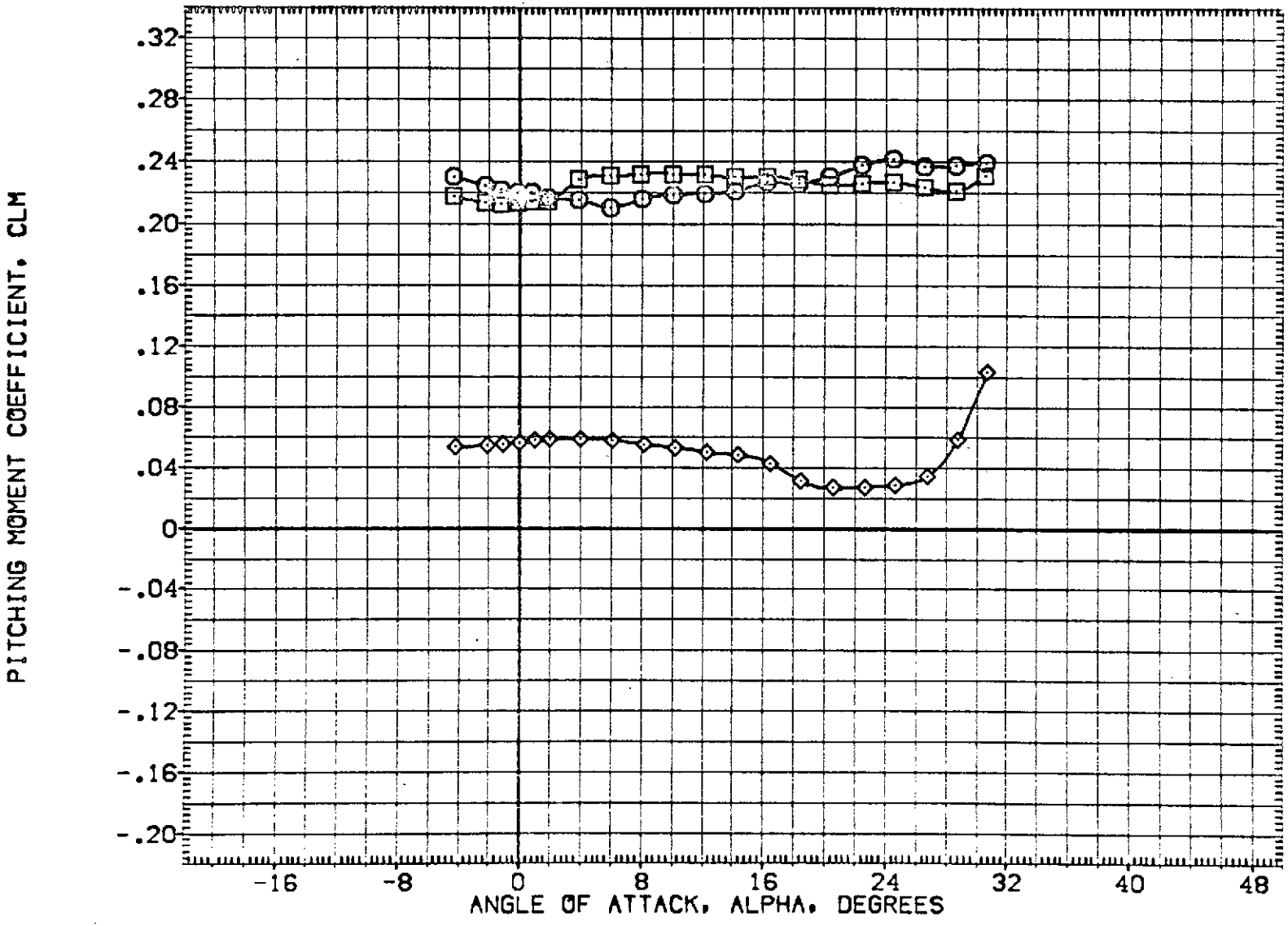


FIG 31 ELEVON EFFECTIVENESS, NO ELEVON GAP

(A)MACH = .26

SYMBOL	ALPHA	PARAMETRIC VALUES				DATA SOURCE				REFERENCE INFORMATION		
○	-4.000	MACH	.260	AILRON	.000	DATASET	DELVON	DATASET	DELVON	SREF	2690.0000	SQ.FT.
□	-2.000	BDFLAP	-12.000	RUDDER	.000	FF2106	-40.000	FF2105	-20.000	LREF	474.8000	INCHES
◇	-1.000	SPOBRK	25.000	BETA	.000	FF2104	.000			BREF	935.6000	INCHES
△	.000									XMRP	1076.7000	INCHES
◺	1.000									YMRP	.0000	INCHES
										ZMRP	375.0000	INCHES
										SCALE	.0300	SCALE

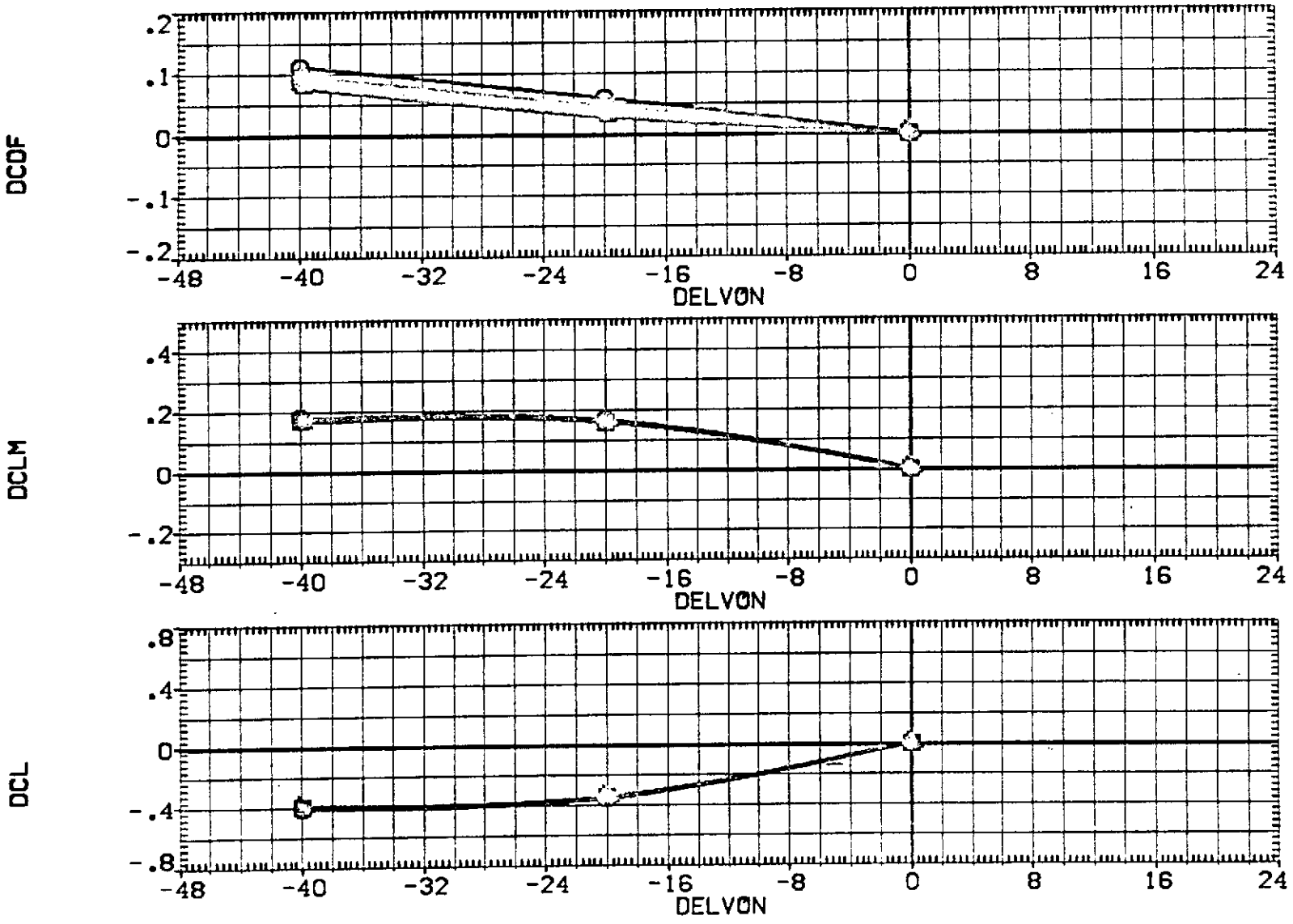


FIG 31 ELEVON EFFECTIVENESS, NO ELEVON GAP

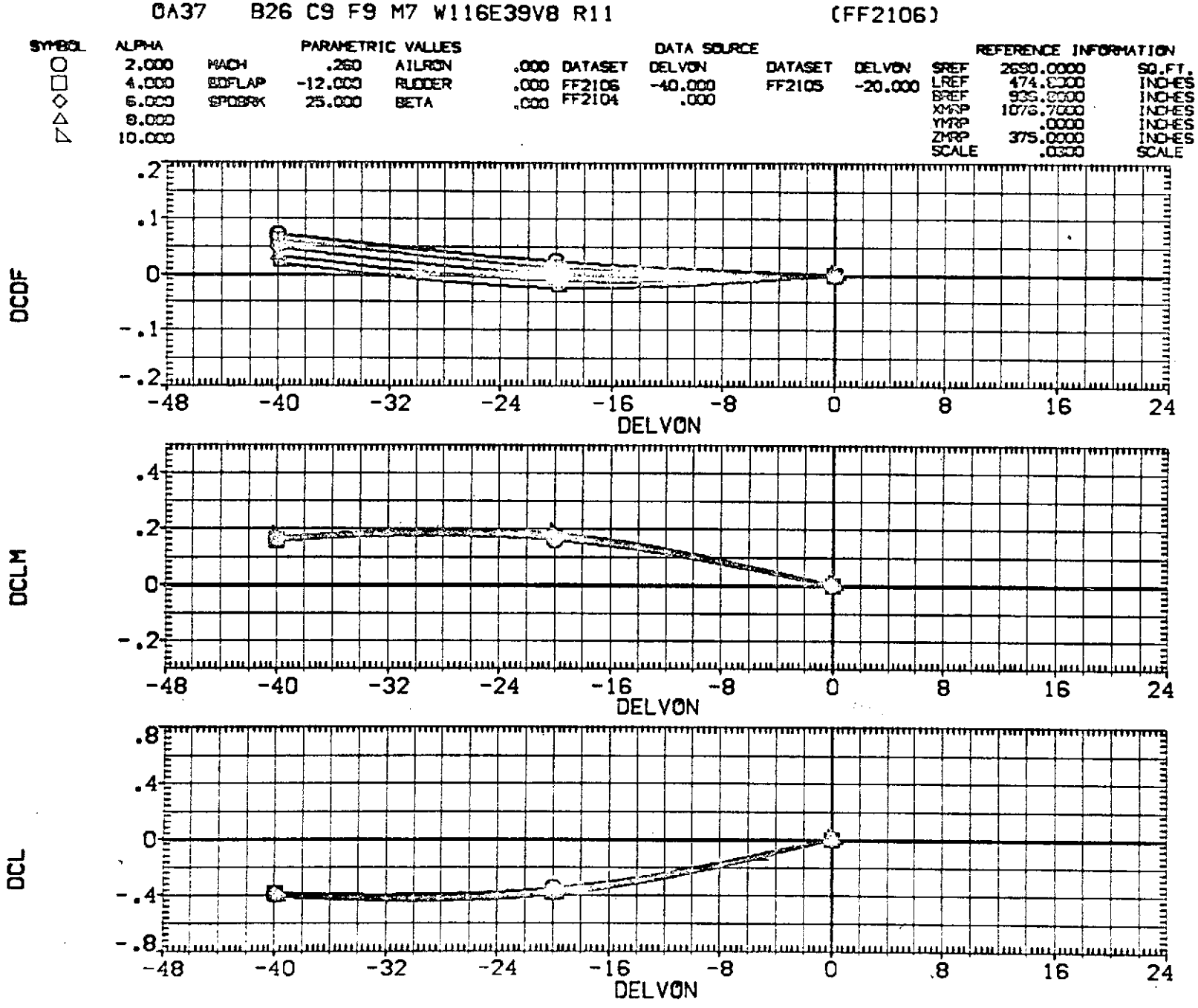


FIG 31 ELEVON EFFECTIVENESS, NO ELEVON GAP

SYMBOL	ALPHA		PARAMETRIC VALUES			DATA SOURCE				REFERENCE INFORMATION		
○	12.000	MACH	.260	AILRON	.000	DATASET	DELVON	DATASET	DELVON	SREF	2690.0000	SQ.FT.
□	14.000	BDFLAP	-12.000	RUDDER	.000	FF2106	-40.000	FF2105	-20.000	LREF	474.0000	INCHES
◇	16.000	SPOILR	25.000	BETA	.000	FF2104	.000			BREF	936.0000	INCHES
△	18.000									XMRP	1076.7000	INCHES
◁	20.000									YMRP	.0000	INCHES
										ZMRP	375.0000	INCHES
										SCALE	.0300	SCALE

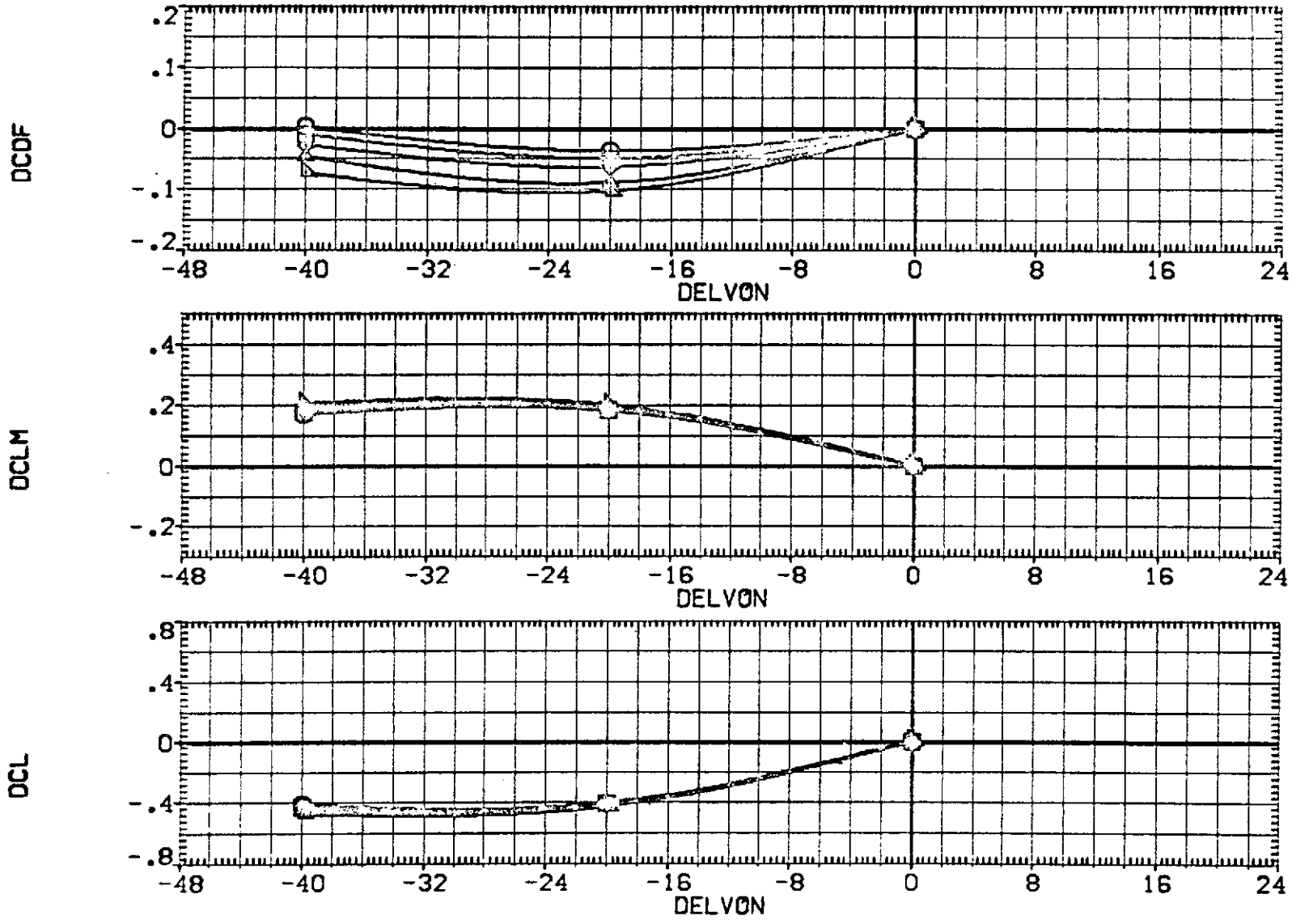


FIG 31 ELEVON EFFECTIVENESS, NO ELEVON GAP

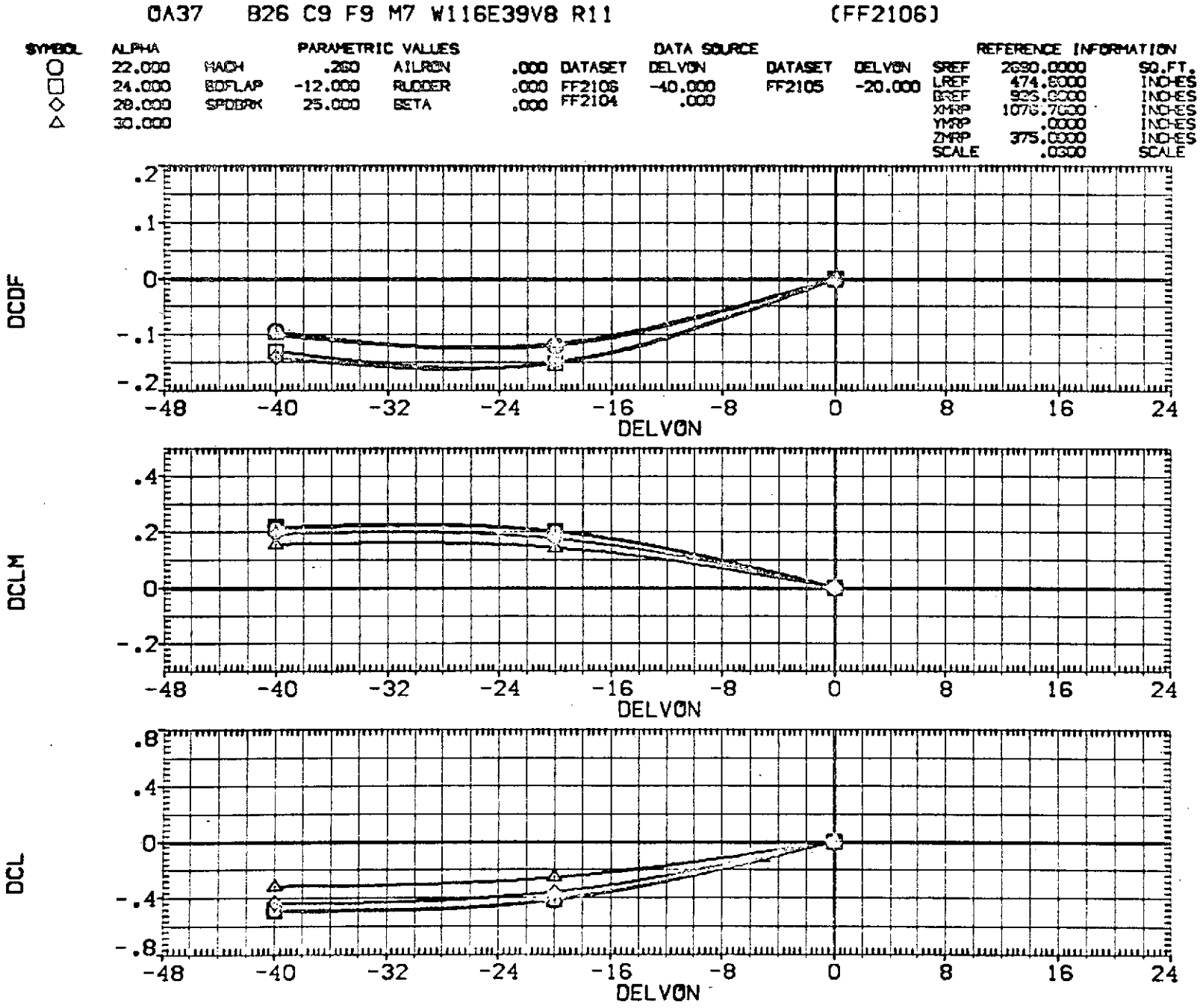


FIG 31 ELEVON EFFECTIVENESS, NO ELEVON GAP

SYMBOL	ALPHA	PARAMETRIC VALUES				DATA SOURCE				REFERENCE INFORMATION		
○	-4.000	MACH	.250	AILRON	.000	DATASET	DELVON	DATASET	DELVON	SREF	2690.0000	SQ.FT.
□	-2.000	BDFLAP	-12.000	RUDDER	.000	FF2106	-40.000	FF2105	-20.000	LREF	474.0000	INCHES
◇	-1.000	SPOERK	25.000	BETA	.000	FF2104	.000			BREF	935.0000	INCHES
△	.000									XMRP	1078.7000	INCHES
◺	1.000									YMRP	.0000	INCHES
										ZMRP	375.0000	INCHES
										SCALE	.0300	SCALE

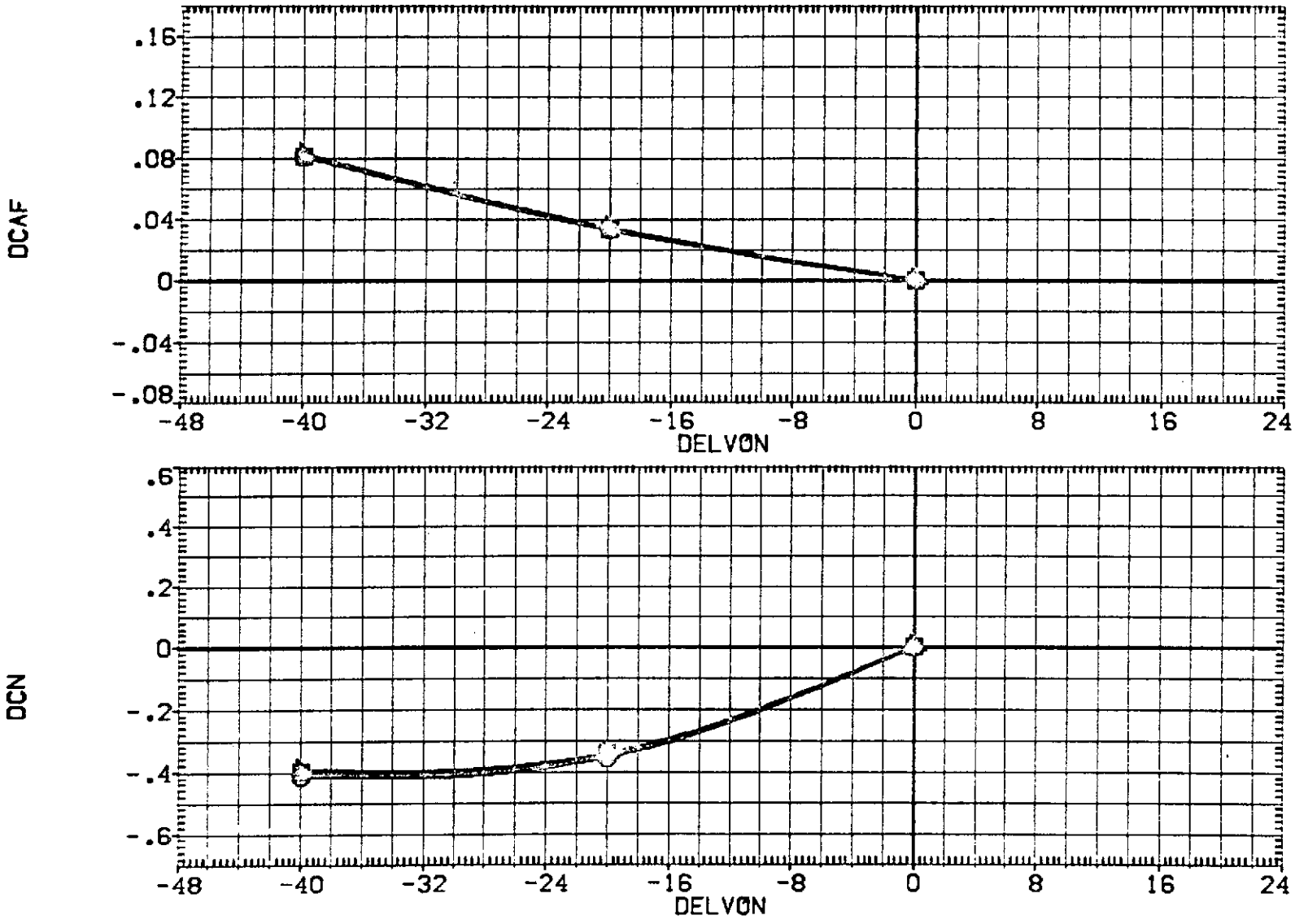


FIG 31 ELEVON EFFECTIVENESS, NO ELEVON GAP

SYMBOL	ALPHA		PARAMETRIC VALUES			DATA SOURCE				REFERENCE INFORMATION		
○	2.000	MACH	.260	AILRON	.000	DATASET	DELVON	DATASET	DELVON	SREF	2090.0000	SQ.FT.
□	4.000	BOFLAP	-12.000	RUDDER	.000	FF2106	-40.000	FF2105	-20.000	LREF	474.0200	INCHES
◇	6.000	SPOILRK	25.000	BETA	.000	FF2104	.000			BREF	935.6200	INCHES
△	8.000									XMRP	1076.7000	INCHES
◁	10.000									YMRP	.0000	INCHES
										ZMRP	375.0000	INCHES
										SCALE	.0300	SCALE

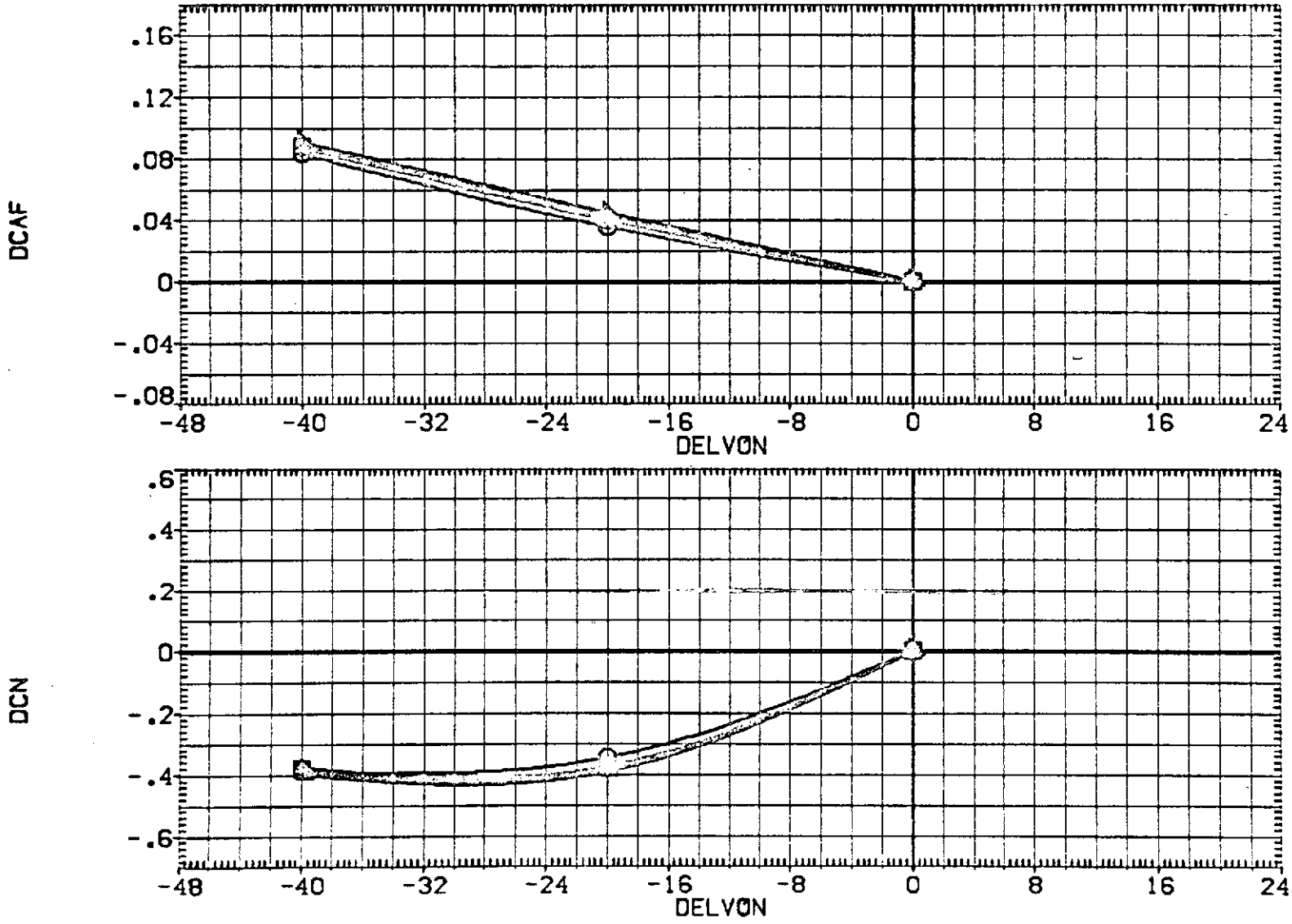
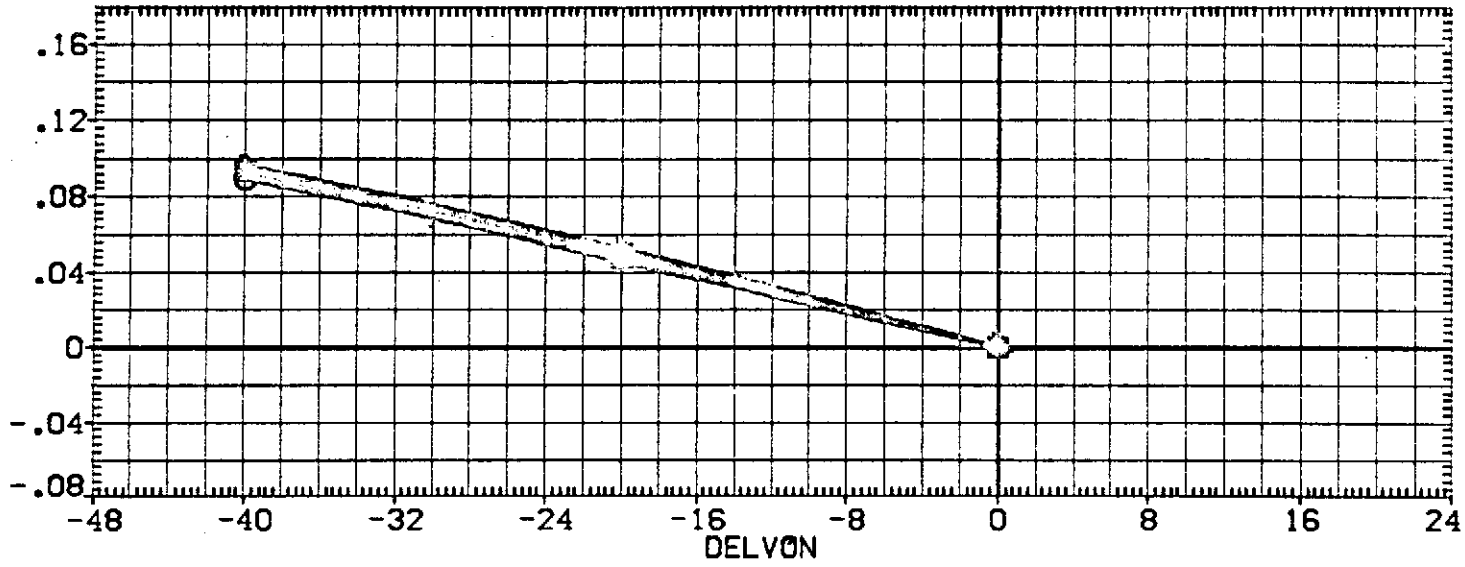


FIG 31 ELEVON EFFECTIVENESS, NO ELEVON GAP

SYMBOL	ALPHA	PARAMETRIC VALUES				DATA SOURCE				REFERENCE INFORMATION		
○	12.000	MACH	.200	AILRON	.000	DATASET	DELVON	DATASET	DELVON	SREF	2690.0000	SQ.FT.
□	14.000	BOFLAP	-12.000	RUDDER	.000	FF2106	-40.000	FF2105	-20.000	LREF	474.0000	INCHES
◇	16.000	SPODRK	25.000	BETA	.000	FF2104	.000			BREF	905.0000	INCHES
△	18.000									XMRP	1076.7000	INCHES
◁	20.000									YMRP	.0000	INCHES
										ZMRP	375.0000	INCHES
										SCALE	.0500	SCALE



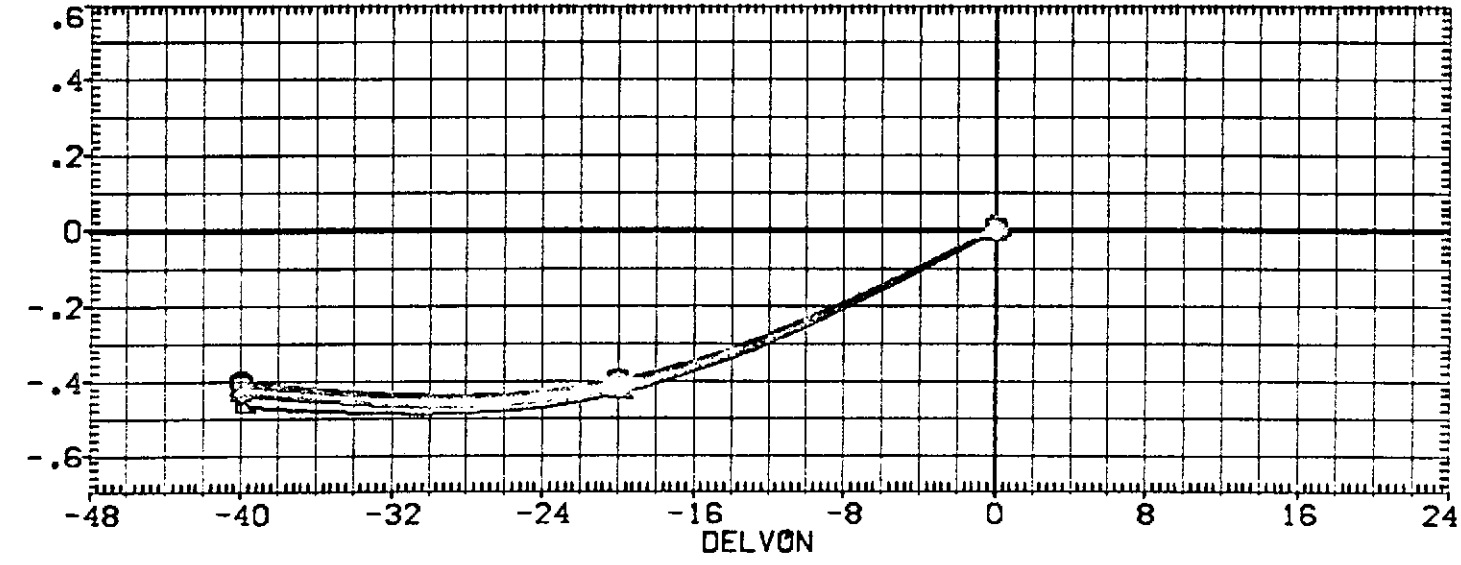


FIG 31 ELEVON EFFECTIVENESS, NO ELEVON GAP

SYMBOL	ALPHA		PARAMETRIC VALUES			DATA SOURCE				REFERENCE INFORMATION		
○	22.000	MACH	.260	AILRON	.000	DATASET	DELVON	DATASET	DELVON	SREF	2690.0000	SQ.FT.
□	24.000	BDFLAP	-12.000	RUDDER	.000	FF2106	-40.000	FF2105	-20.000	LREF	474.8000	INCHES
◇	28.000	SPDBRK	25.000	BETA	.000	FF2104	.000			BREF	935.8000	INCHES
△	30.000									XMRP	1076.7000	INCHES
										YMRP	.0000	INCHES
										ZMRP	375.0000	INCHES
										SCALE	.0300	SCALE

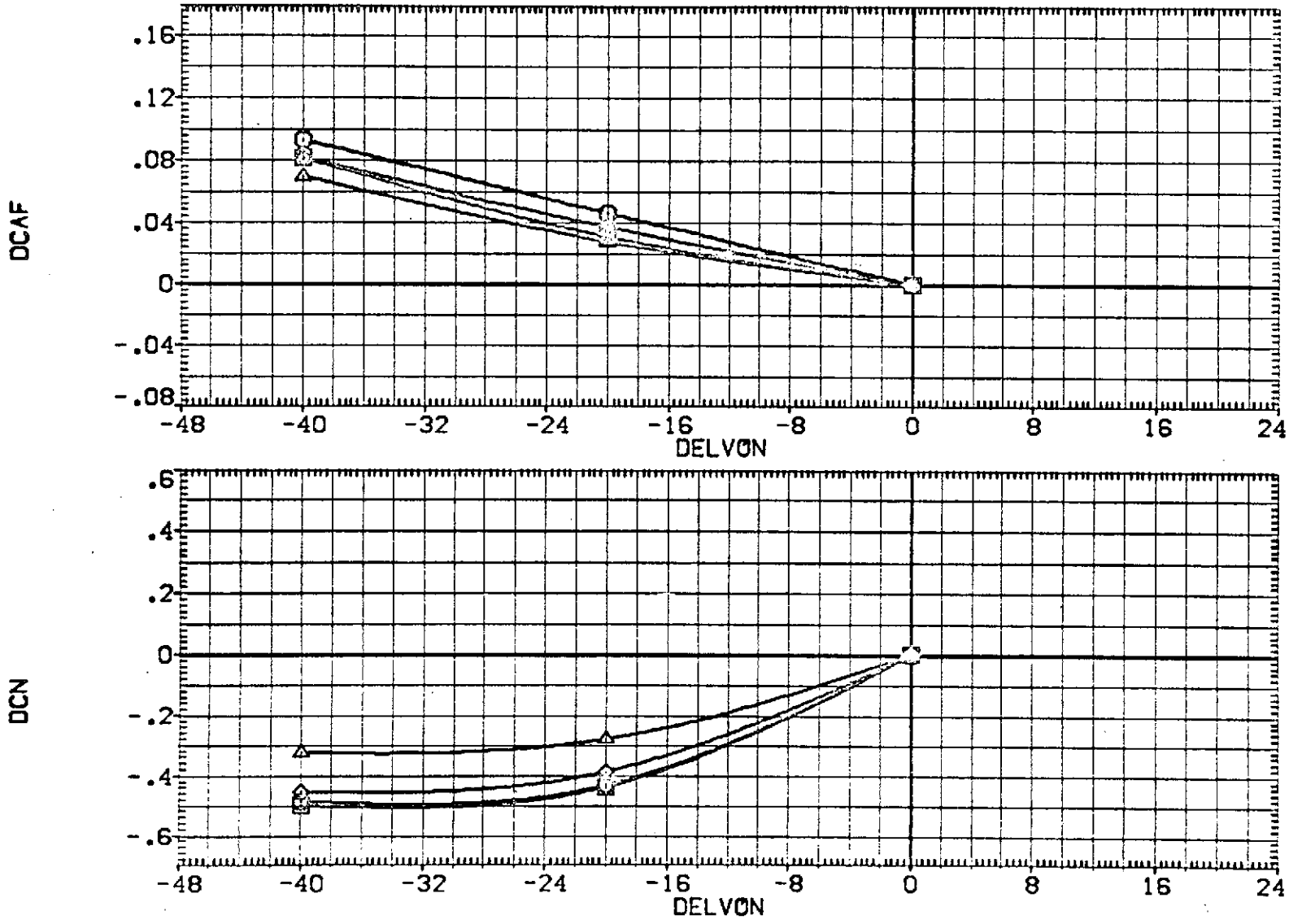


FIG 31 ELEVON EFFECTIVENESS, NO ELEVON GAP

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(RF2027)	○	OA37 B2S C9 F9 M7 V11GE37V8 R5
(RF2032)	□	OA37 B2C C9 F9 M7 V11GE37V8 R5
(RF2033)	◇	OA37 B2S C9 F9 M7 V11GE37V8 R5

ELEVON	BDFLAP	SPDBRK	RUDDER
.000	-12.000	55.000	.000
.000	.000	55.000	.000
.000	16.000	55.000	.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.6000	INCHES
BREF	935.8000	INCHES
XMRP	1076.7000	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0300	SCALE

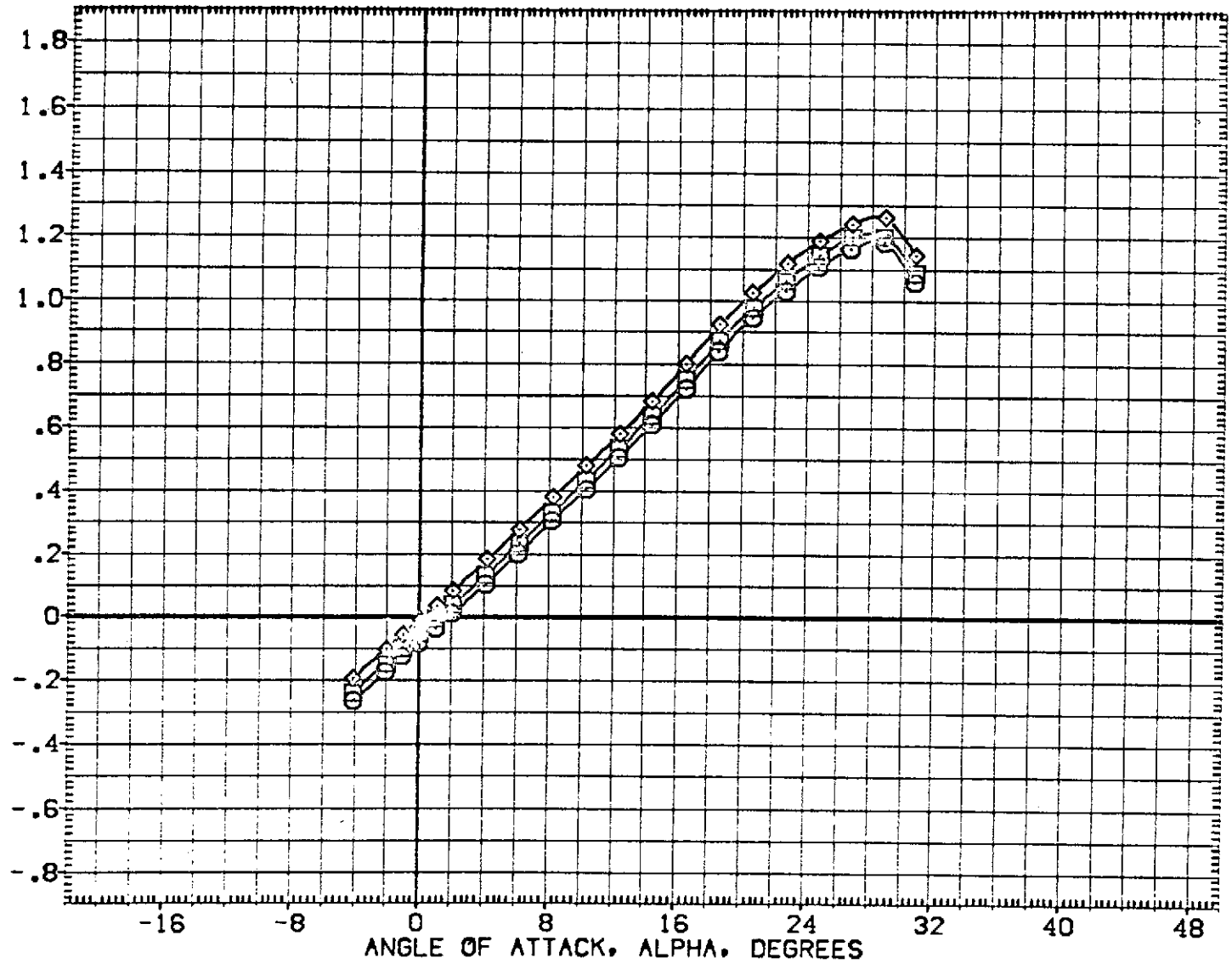


FIG 32 BODY FLAP EFFECTIVENESS, SPDBRK = 55 DEG.

(A)MACH = .26

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(RF2027)	○	OA37 B2G C9 F9 M7 V11GE37V8 R5
(RF2032)	□	OA37 B2G C9 F9 M7 V11GE37V3 R5
(RF2033)	◇	OA37 B2G C9 F9 M7 V11GE37V8 R5

ELEVON	BDFLAP	SPDBRK	RUDDER
.000	-12.000	55.000	.000
.000	.000	55.000	.000
.000	16.000	55.000	.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.0000	INCHES
BREF	936.0000	INCHES
XMRP	1076.7000	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0300	SCALE

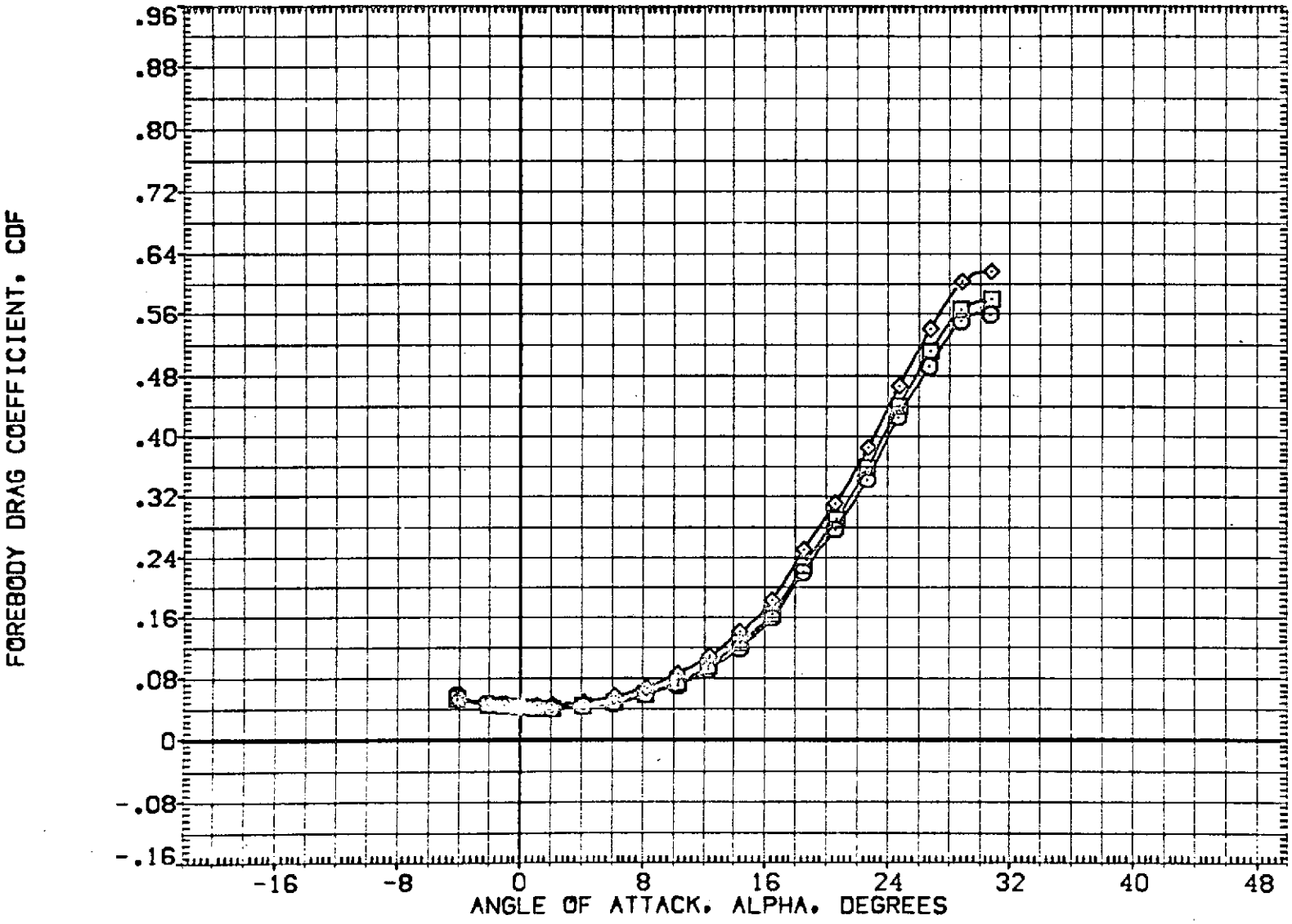


FIG 32 BODY FLAP EFFECTIVENESS, SPDBRK = 55 DEG.

(A)MACH = .26

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ELEVON	BOFLAP	SPDBRK	RUDDER
[RF2027]	○	OA37 B26 C9 F9 M7 V11EE37V8 R5	.000	-12.000	55.000	.000
[RF2032]	□	OA37 B26 C9 F9 M7 V11EE37V8 R5	.000	.000	55.000	.000
[RF2033]	◇	OA37 B26 C9 F9 M7 V11EE37V8 R5	.000	16.000	55.000	.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.8000	INCHES
BREF	935.0000	INCHES
XMRP	1076.7000	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0300	SCALE

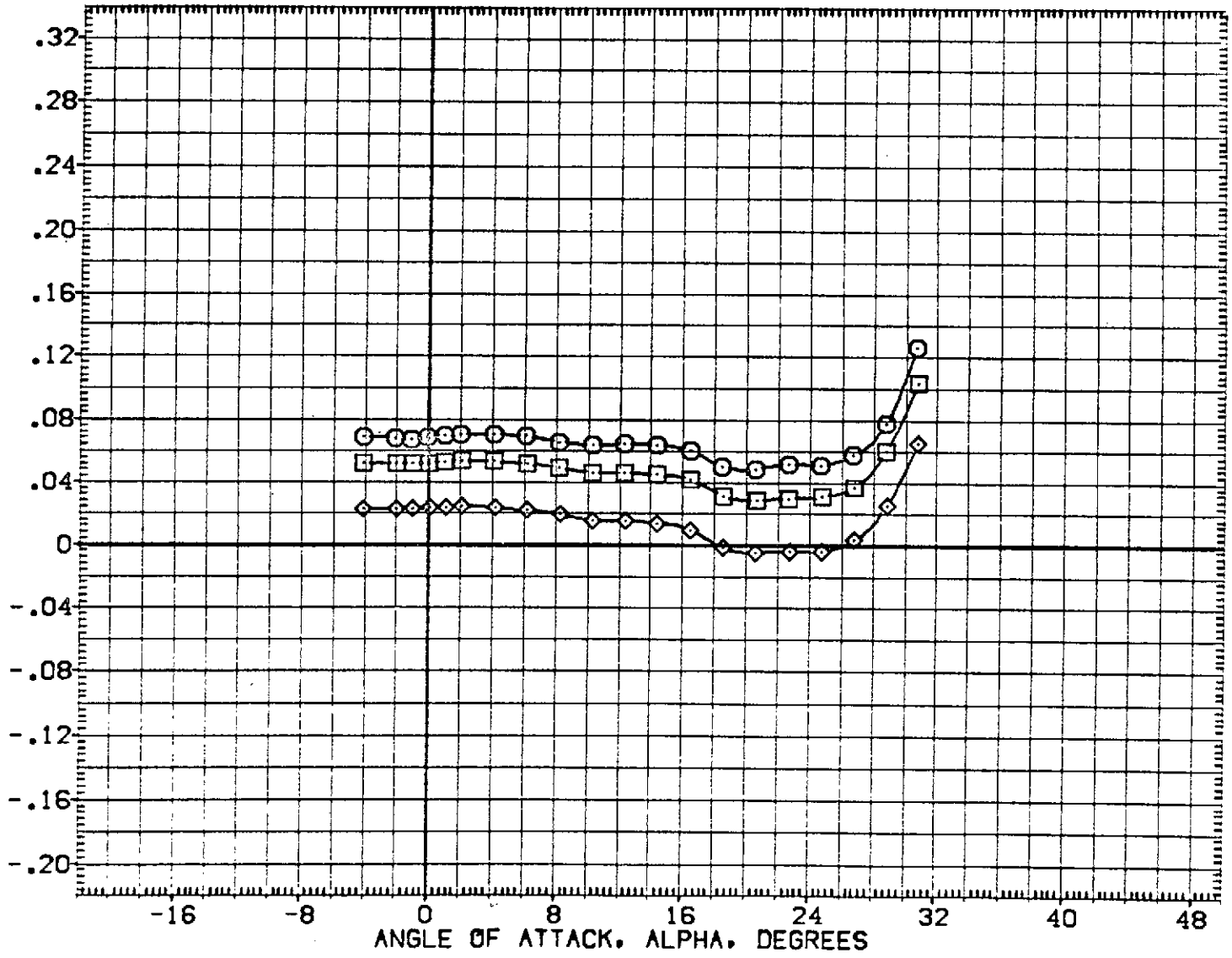


FIG 32 BODY FLAP EFFECTIVENESS, SPDBRK = 55 DEG.

(A)MACH = .26

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(BF2027)	○	BA37 B26 C9 F9 H7 V116 E37 V8 R5
(BF2032)	□	BA37 B26 C9 F9 H7 V116 E37 V8 R5
(BF2033)	◇	BA37 B26 C9 F9 H7 V116 E37 V8 R5

ELEVON	BOFLAP	SPDBRK	RUDDER
.000	-11.700	55.000	.000
.000	.000	55.000	.000
.000	16.300	55.000	.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.0000	INCHES
BREF	936.0000	INCHES
XMRP	1076.7000	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0300	

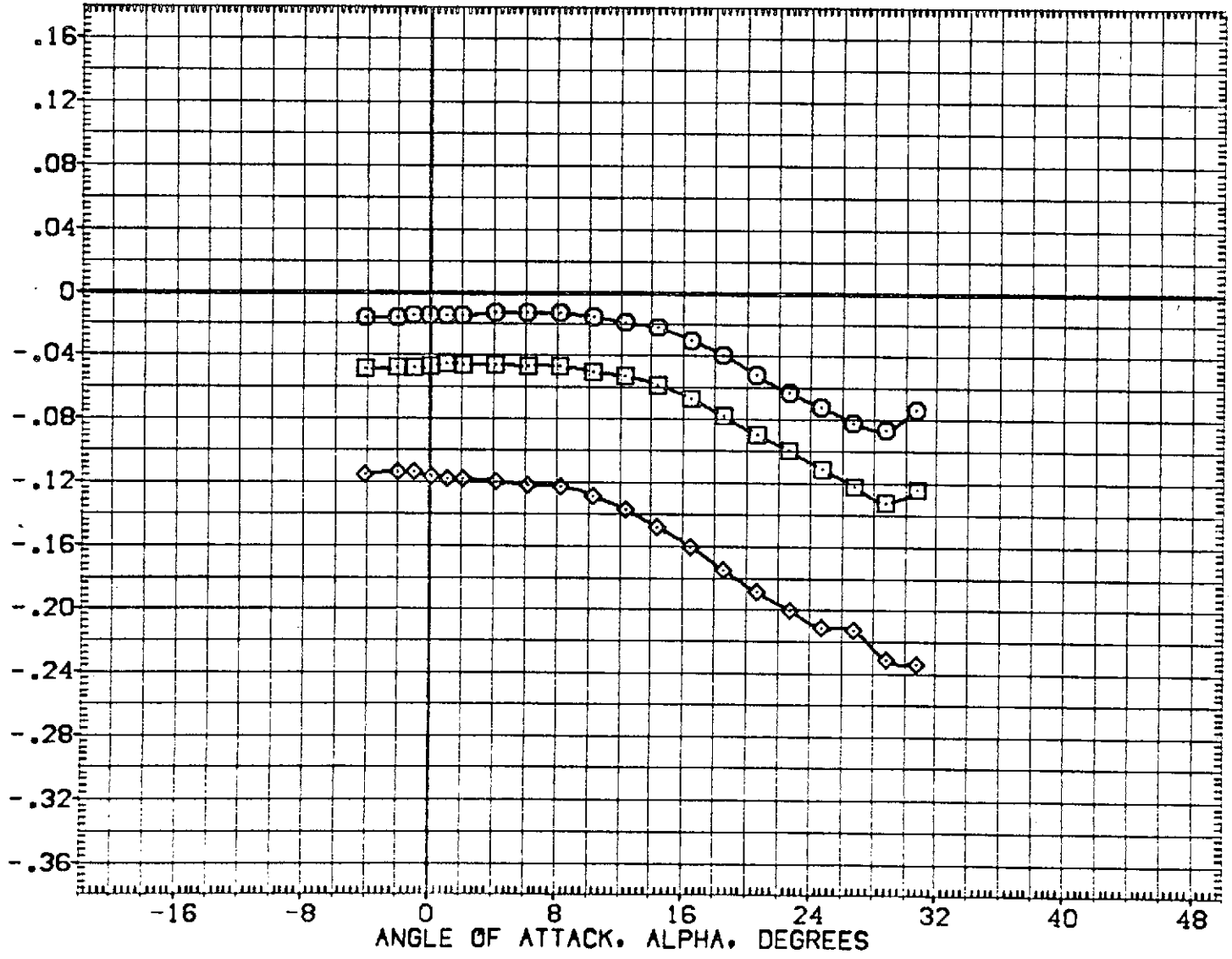


FIG 32 BODY FLAP EFFECTIVENESS, SPDBRK = 55 DEG.

(A)MACH = .26

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(1F2077)	○	0A37 B26 C9 F9 M7 V11GE37V8 R5
(1F2032)	□	0A37 B26 C9 F9 M7 V11GE37V8 R5
(1F2033)	◇	0A37 B26 C9 F9 M7 V11GE37V8 R5

DBOFLP	ELEVON	SPDBRK	RUDDER
-12.000	.000	55.000	.000
.000	.000	55.000	.000
16.000	.000	55.000	.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.0000	INCHES
BREF	936.0000	INCHES
XMRP	1076.7000	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0300	SCALE

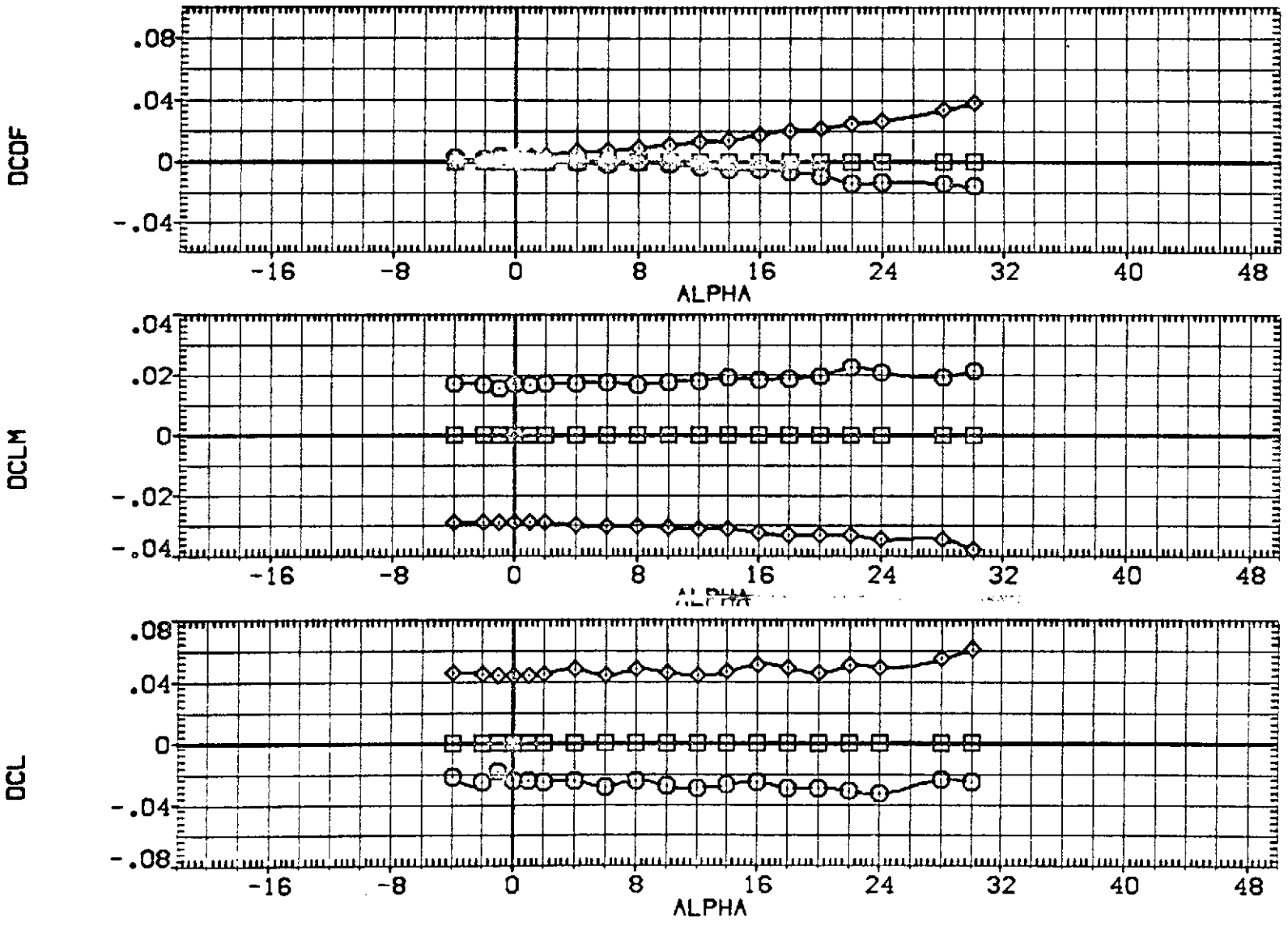


FIG 32 BODY FLAP EFFECTIVENESS, SPDBRK = 55 DEG.

(A)MACH = .26

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	DBOFLP	ELEVON	SPDBRK	RUDDER
(IF2027)	○	0A37 B2G C9 F9 M7 V11GE37V8 R5	-12.000	.000	55.000	.000
(IF2032)	□	0A37 B2G C9 F9 M7 V11GE37V8 R5	.000	.000	55.000	.000
(IF2033)	◇	0A37 B2G C9 F9 M7 V11GE37V8 R5	16.000	.000	55.000	.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.6000	INCHES
BREF	935.3000	INCHES
XMRP	1076.7000	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0300	SCALE

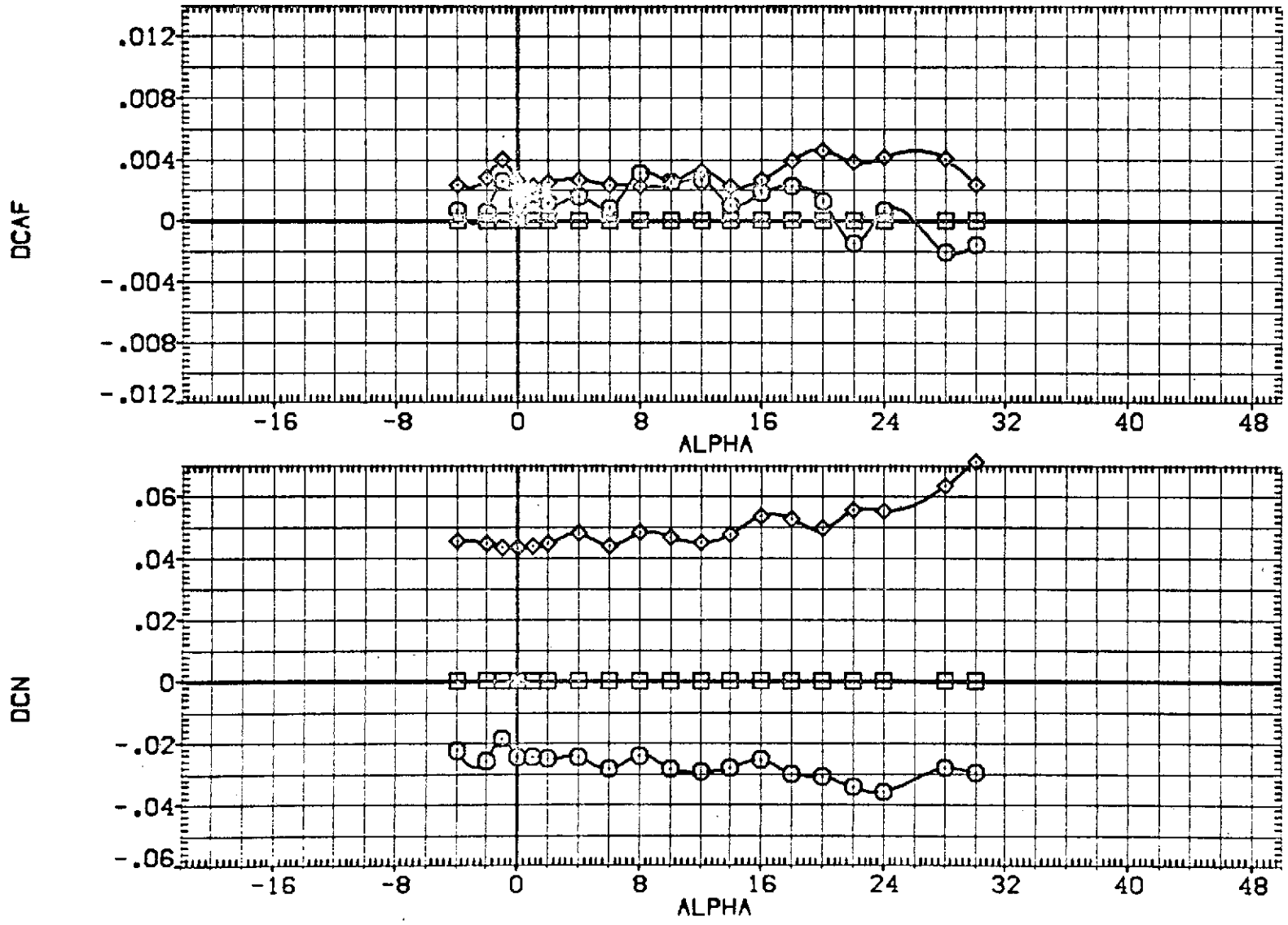


FIG 32 BODY FLAP EFFECTIVENESS, SPDBRK = 55 DEG.

(A)MACH = .26

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ELEVON	BOFLAP	SPDBRK	RUDDER
(RF2023)	○	0A37 B26 C9 F9 M7V11EE37V8 R5	.000	-12.000	85.000	.000
(RF2041)	□	0A37 B26 C9 F9 M7V11EE37V8 R5	.000	.000	85.000	.000
(RF2042)	◇	0A37 B26 C9 F9 M7V11EE37V8 R5	.000	16.000	85.000	.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.0000	INCHES
BREF	935.8000	INCHES
XMRP	1076.7000	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0300	SCALE

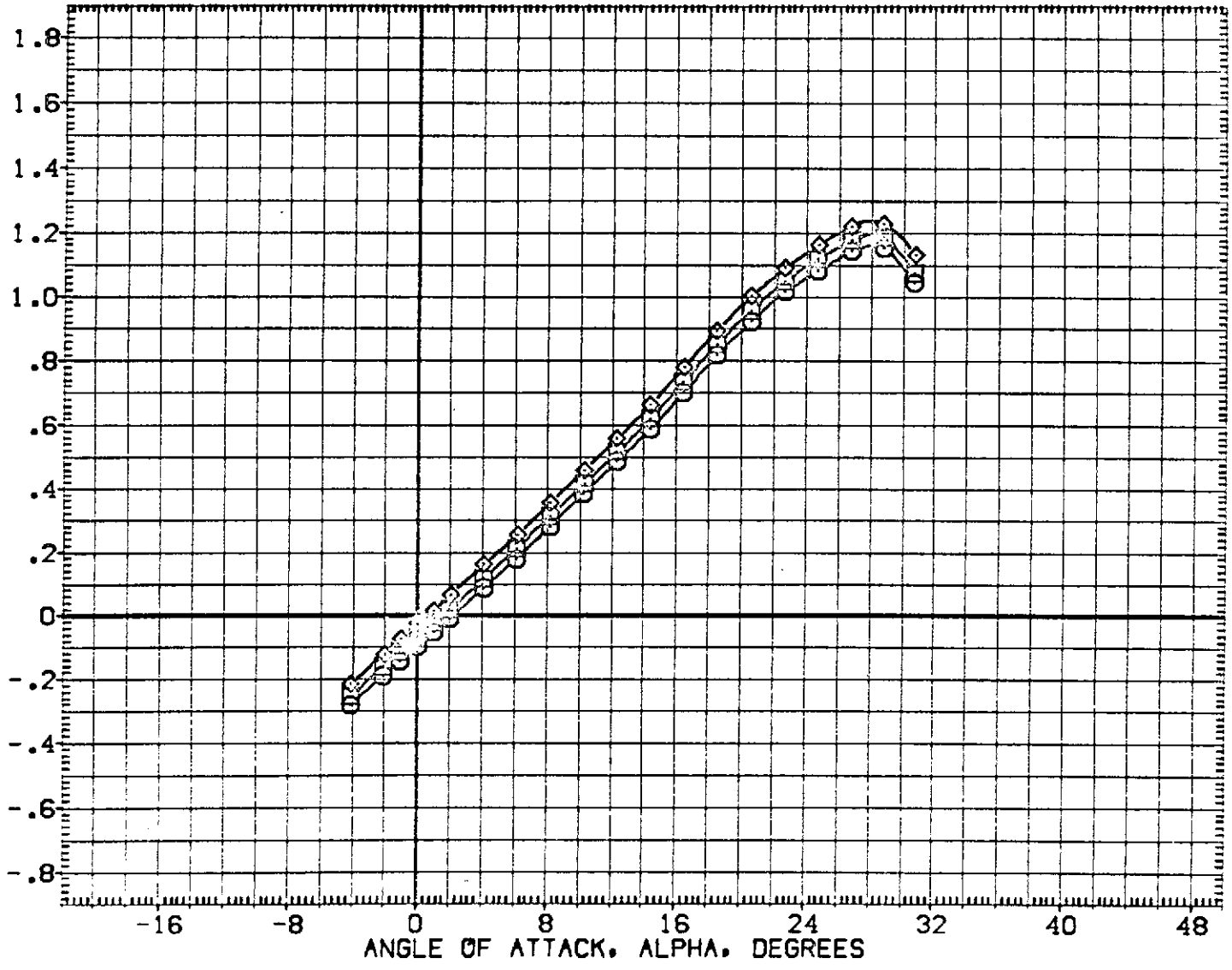


FIG 33 BODY FLAP EFFECTIVENESS, SPDBRK = 85 DEG.

(A)MACH = .26

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(RF2038)	○	BA37 B26 C9 F9 M7V11GE37V8 R5
(RF2041)	□	BA37 B26 C9 F9 M7V11GE37V8 R5
(RF2042)	◇	BA37 B26 C9 F9 M7V11GE37V8 R5

ELEVON	BOFLAP	SPDBRK	RUDDER
.000	-12.000	85.000	.000
.000	.000	85.000	.000
.000	16.000	85.000	.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.0000	INCHES
BREF	965.0000	INCHES
XMRP	1078.7000	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0000	SCALE

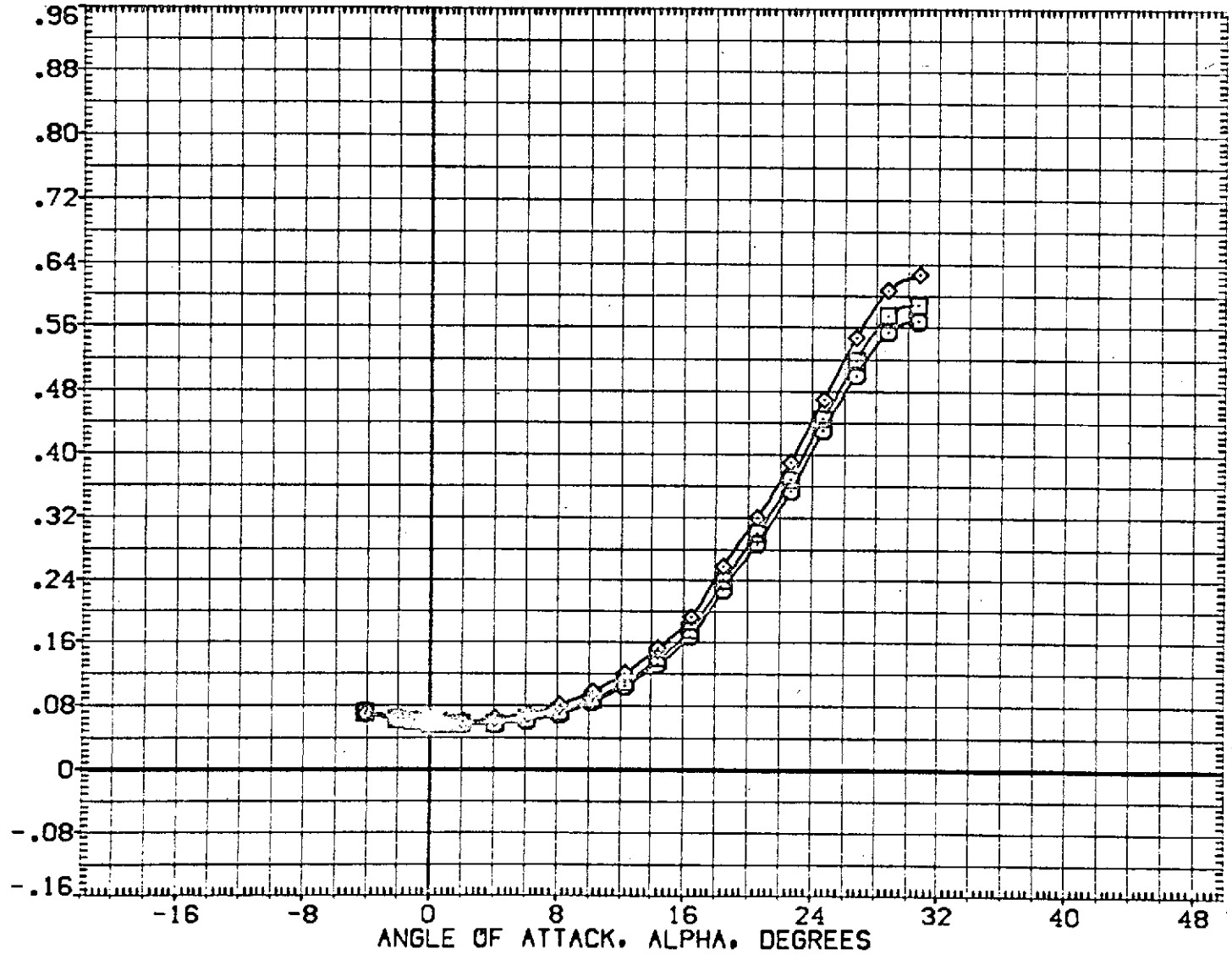


FIG 33 BODY FLAP EFFECTIVENESS, SPDBRK = 85 DEG.

(A)MACH = .26

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ELEVON	BOFLAP	SPOBRK	RUDDER
(RF2035)	○	0A37 B26 C9 F9 M7V11C537V8 R5	.000	-12.000	85.000	.000
(RF2041)	□	0A37 B26 C9 F9 M7V11C537V8 R5	.000	.000	85.000	.000
(RF2042)	◇	0A37 B26 C9 F9 M7V11GE37V8 R5	.000	16.000	85.000	.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.6000	INCHES
BREF	935.8000	INCHES
XMRP	1076.7000	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0300	SCALE

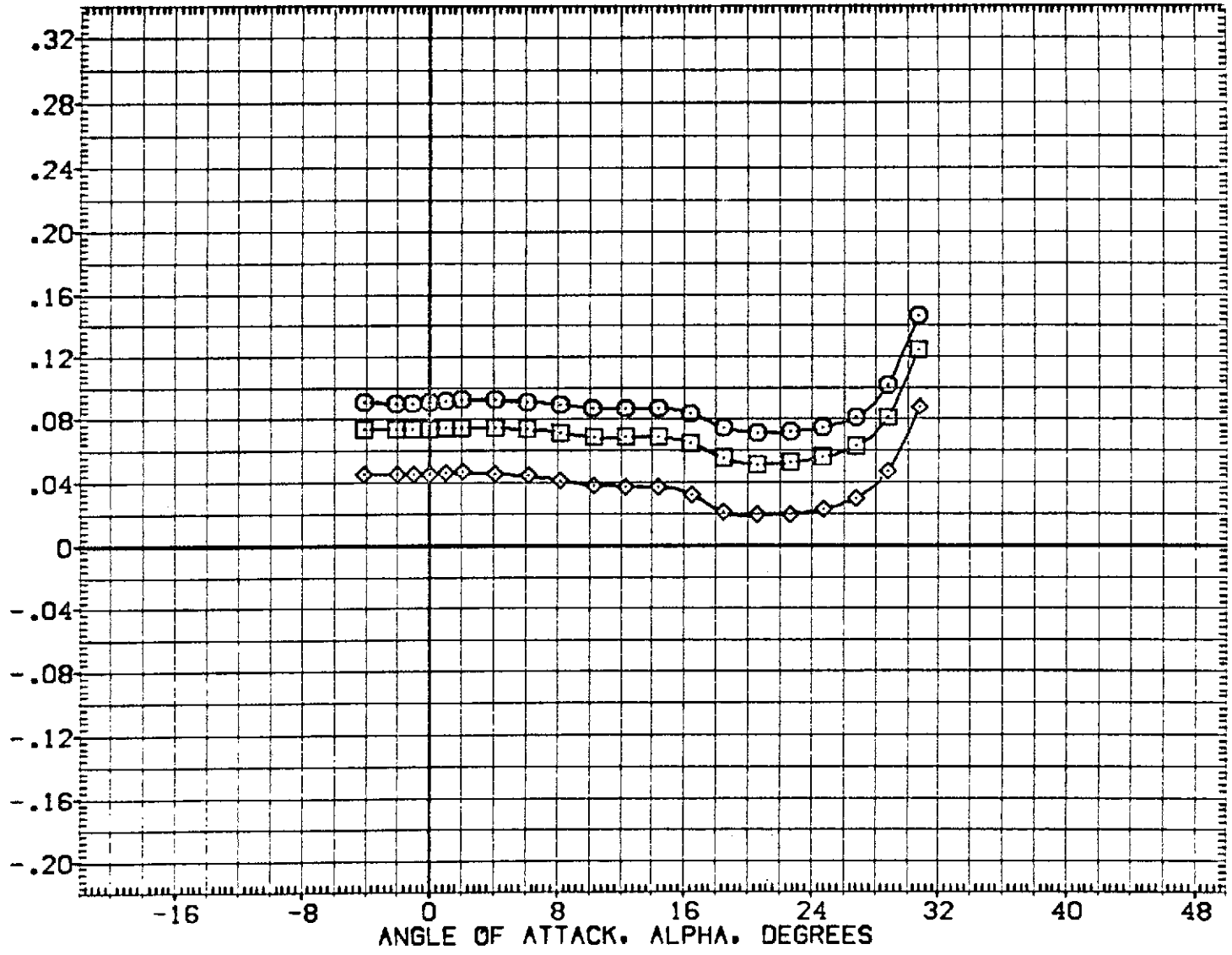


FIG 33 BODY FLAP EFFECTIVENESS, SPOBRK = 85 DEG.

(A)MACH = .26

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ELEVON	BOFLAP	SPDBRK	RUDDER
(BF2036)	○	BA37 B26 C9 F9 M7 W116 E37 V8 R5	.000	-11.700	85.000	.000
(BF2041)	□	BA37 B26 C9 F9 M7 W116 E37 V8 R5	.000	.000	85.000	.000
(BF2042)	◇	BA37 B26 C9 F9 M7 W116 E37 V8 R5	.000	16.300	85.000	.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.0000	INCHES
BREF	935.0000	INCHES
XMRP	1076.7000	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0500	

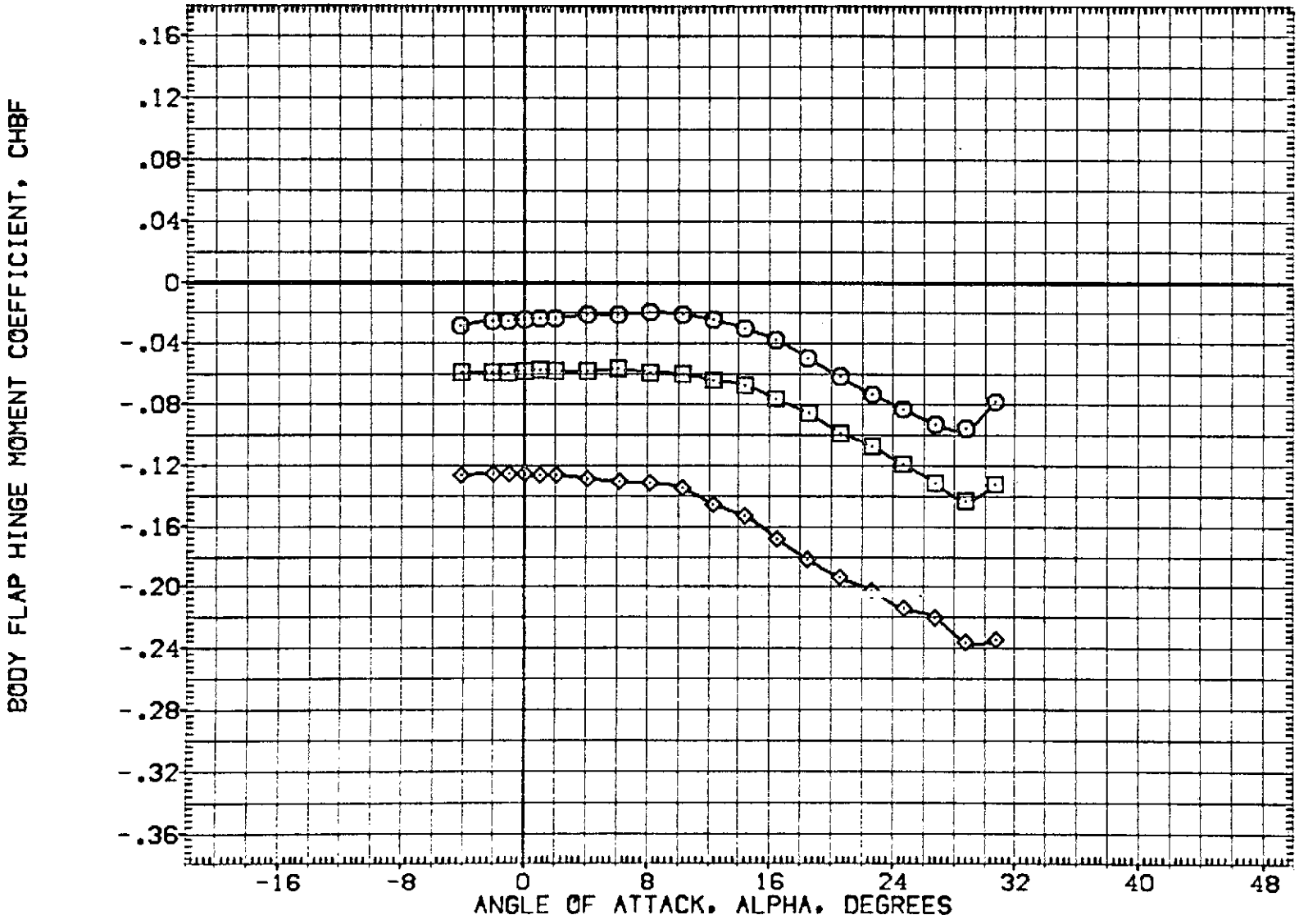


FIG 33 BODY FLAP EFFECTIVENESS, SPDBRK = 85 DEG.

(A)MACH = .26

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(IF2036)	○	0A37 B2G C9 F9 M7V116E37V8 R5
(IF2041)	□	0A37 B2G C9 F9 M7V116E37V8 R5
(IF2042)	◇	0A37 B2G C9 F9 M7V116E37V8 R5

DBOFLP	ELEVON	SPDBRK	RUDDER
-12.000	.000	85.000	.000
.000	.000	85.000	.000
16.000	.000	85.000	.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.6000	INCHES
BREF	933.0000	INCHES
XMRP	1076.7000	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0300	SCALE

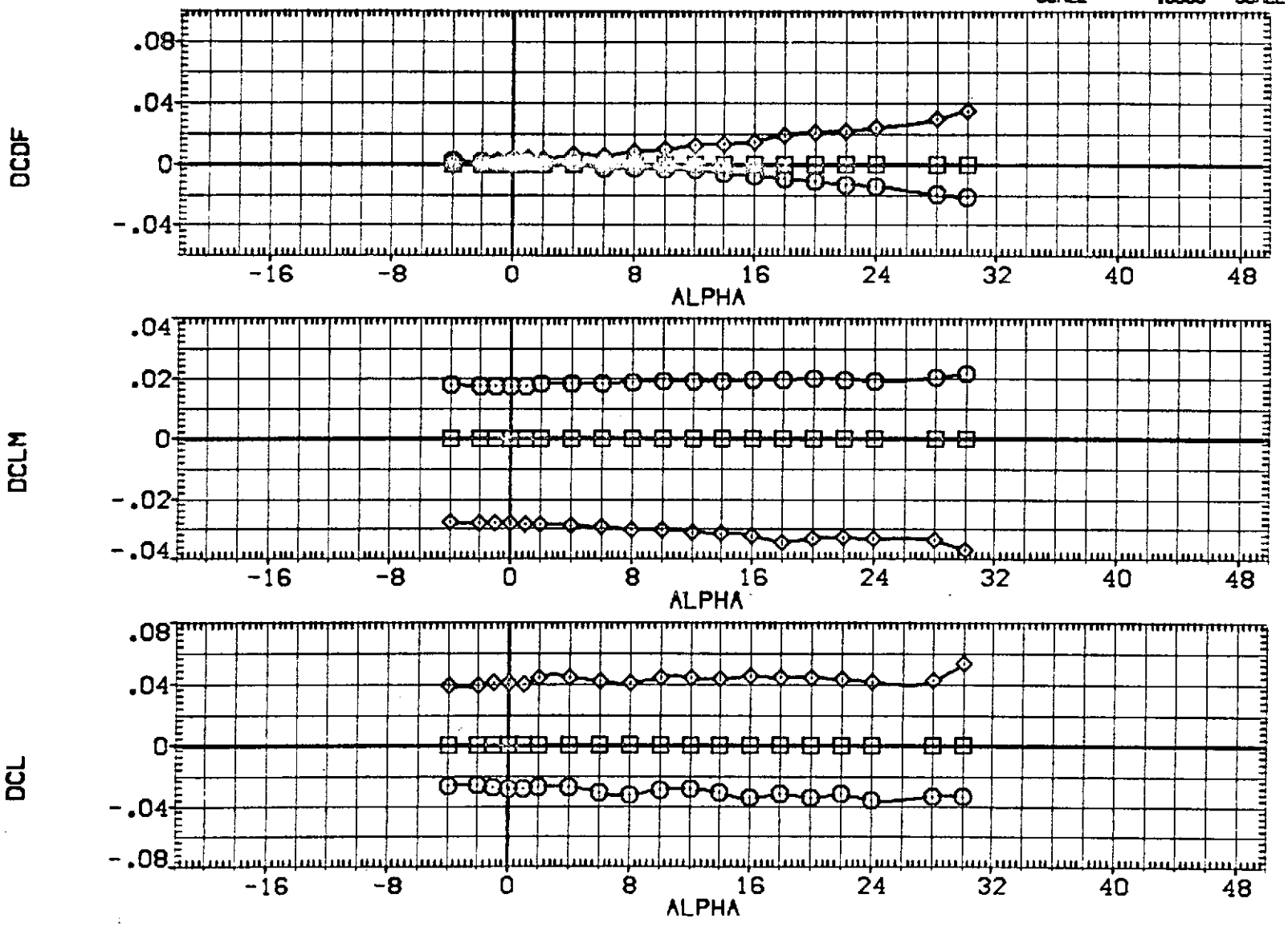


FIG 33 BODY FLAP EFFECTIVENESS, SPDBRK = 85 DEG.

(A)MACH = .26

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(1F2036)	○	0A37 B25 C9 F9 M7V11GE37V8 R5
(1F2041)	□	0A37 B20 C9 F9 M7V11GE37V8 R5
(1F2042)	◇	0A37 B26 C9 F9 M7V11GE37V8 R5

DBOFLP	ELEVON	SPDBRK	RUDDER
-12.000	.000	85.000	.000
.000	.000	85.000	.000
16.000	.000	85.000	.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.0000	INCHES
BREF	936.0000	INCHES
XMRP	1076.7000	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0300	SCALE

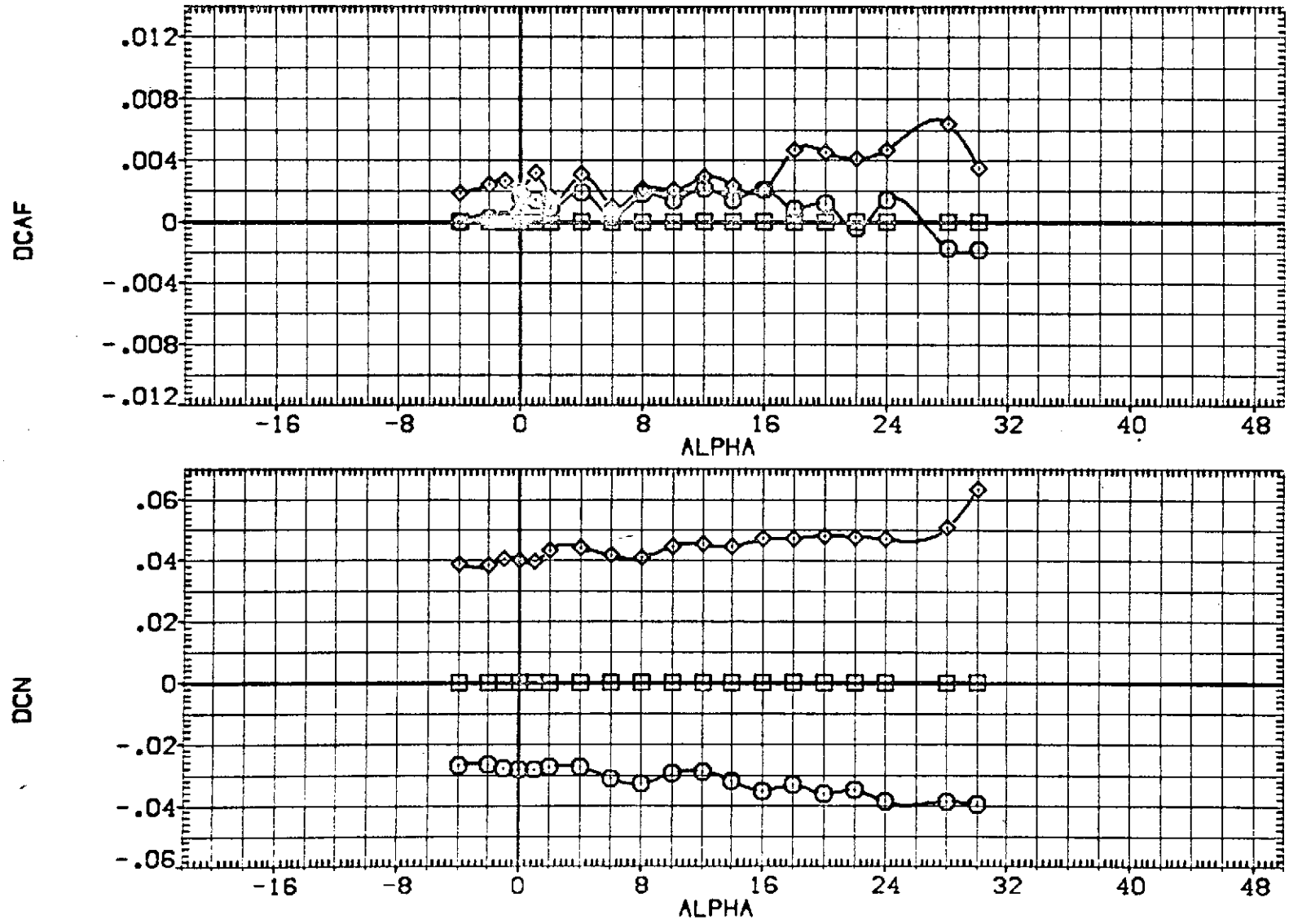


FIG 33 BODY FLAP EFFECTIVENESS, SPDBRK = 85 DEG.

(A)MACH = .26

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ALPHA	SPOBRK	RUDDER	BDFLAP
(RF2023)	○	0A37 B2G C9 F9 M7 V11EE37V8 R5	.000	.000	.000	-12.000
(RF2009)	□	0A37 B2G C9 F9 M7 V11GE37V8 R5	10.000	.000	.000	-12.000
(RF2073)	◇	0A37 B2G C9 F9 M7 V11GE37V16R5	.000	.000	.000	-12.000
(RF2074)	△	0A37 B2G C9 F9 M7 V11GE37V16R5	10.000	.000	.000	-12.000

REFERENCE INFORMATION		
SREF	2090.0000	SQ.FT.
LREF	474.0000	INCHES
BREF	935.0000	INCHES
XMRP	1076.7000	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0300	SCALE

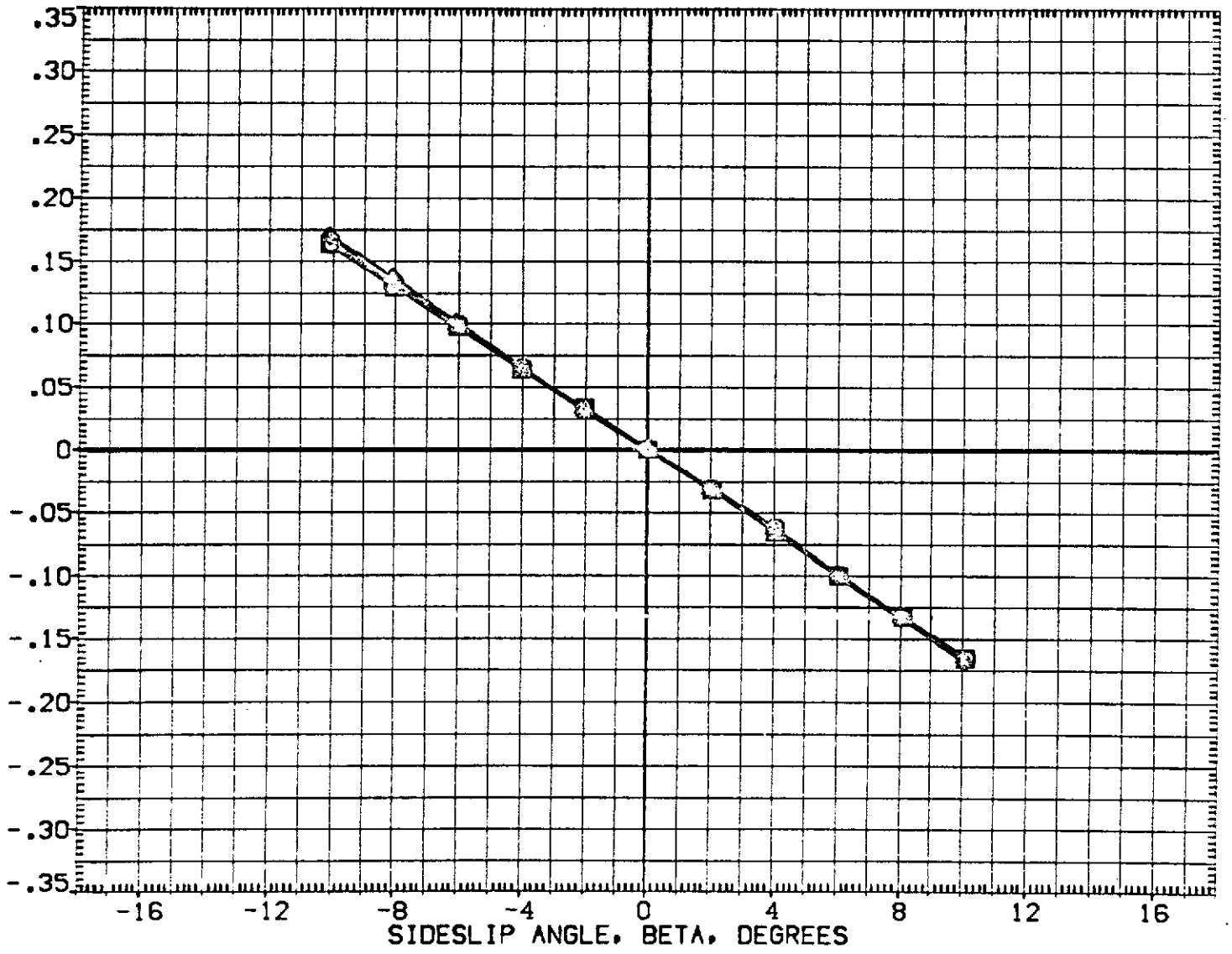


FIG 34 EFFECT OF VERTICAL TAIL GAPS ON LATERAL-DIR. STAB., ALPHA = 0 AND 10

(A)MACH = .26

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
[RF2069]	○	BA37 B2G C9 F9 M7 V11GE37V8 R5
[RF2070]	□	BA37 B2G C9 F9 M7 V11GE37V8 R5
[RF2073]	◇	BA37 B2G C9 F9 M7 V11GE37V18R5
[RF2074]	△	BA37 B2G C9 F9 M7 V11GE37V18R5

ALPHA	SPDBRK	RUDDER	BDFLAP
.000	.000	.000	-12.000
10.000	.000	.000	-12.000
.000	.000	.000	-12.000
10.000	.000	.000	-12.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.0000	INCHES
BREF	930.0000	INCHES
XMRP	1076.7000	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0500	SCALE

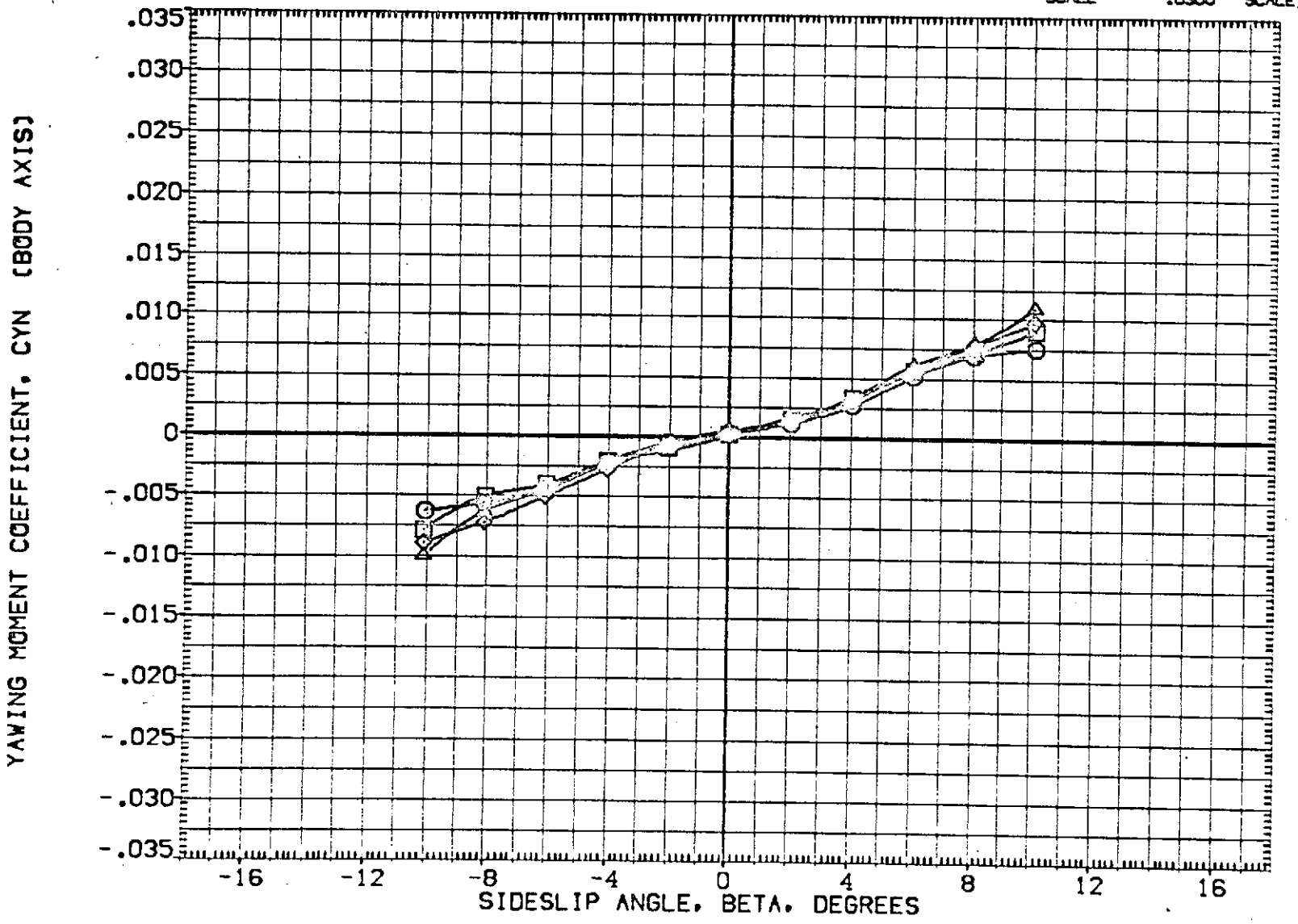


FIG 34 EFFECT OF VERTICAL TAIL GAPS ON LATERAL-DIR. STAB., ALPHA = 0 AND 10

(A)MACH = .26

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ALPHA	SPOBRK	RUDDER	BOFLAP
[RF2069]	○	OA37 B26 C9 F9 M7 V11GE37V8 R5	.000	.000	.000	-12.000
[RF2069]	□	OA37 B26 C9 F9 M7 V11GE37V8 R5	10.000	.000	.000	-12.000
[RF2073]	◇	OA37 B26 C9 F9 M7 V11GE37V16R5	.000	.000	.000	-12.000
[RF2074]	△	OA37 B26 C9 F9 M7 V11GE37V16R5	10.000	.000	.000	-12.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.8000	INCHES
BREF	935.6000	INCHES
XMRP	1076.7000	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0300	SCALE

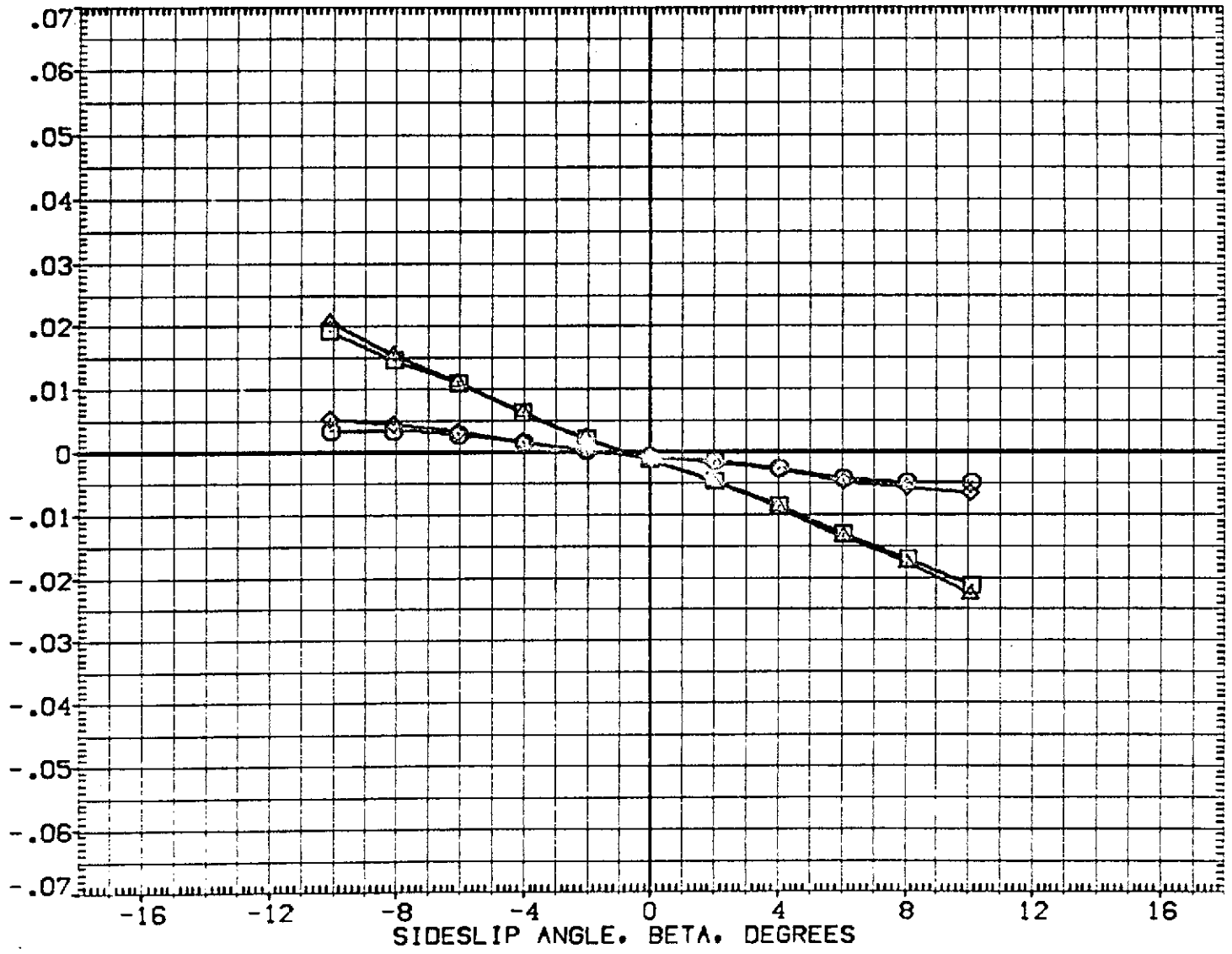


FIG 34 EFFECT OF VERTICAL TAIL GAPS ON LATERAL-DIR. STAB., ALPHA = 0 AND 10

(A)MACH = .26

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(RF2070)	○	BA37 B2S C9 F9 M7 V11GE37VB R5
(RF2071)	□	BA37 B2S C9 F9 M7 V11GE37VB R5
(RF2075)	◇	BA37 B2G C9 F9 M7 V11GE37V1GR5
(RF2076)	△	BA37 B2G C9 F9 M7 V11GE37V1GR5

ALPHA	SPOBRK	RUDDER	BOFLAP
15.000	.000	.000	-12.000
20.000	.000	.000	-12.000
15.000	.000	.000	-12.000
20.000	.000	.000	-12.000

REFERENCE INFORMATION		
SREF	2090.0000	SQ.FT.
LREF	474.0000	INCHES
BREF	933.0000	INCHES
XMRP	1076.7000	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0600	SCALE

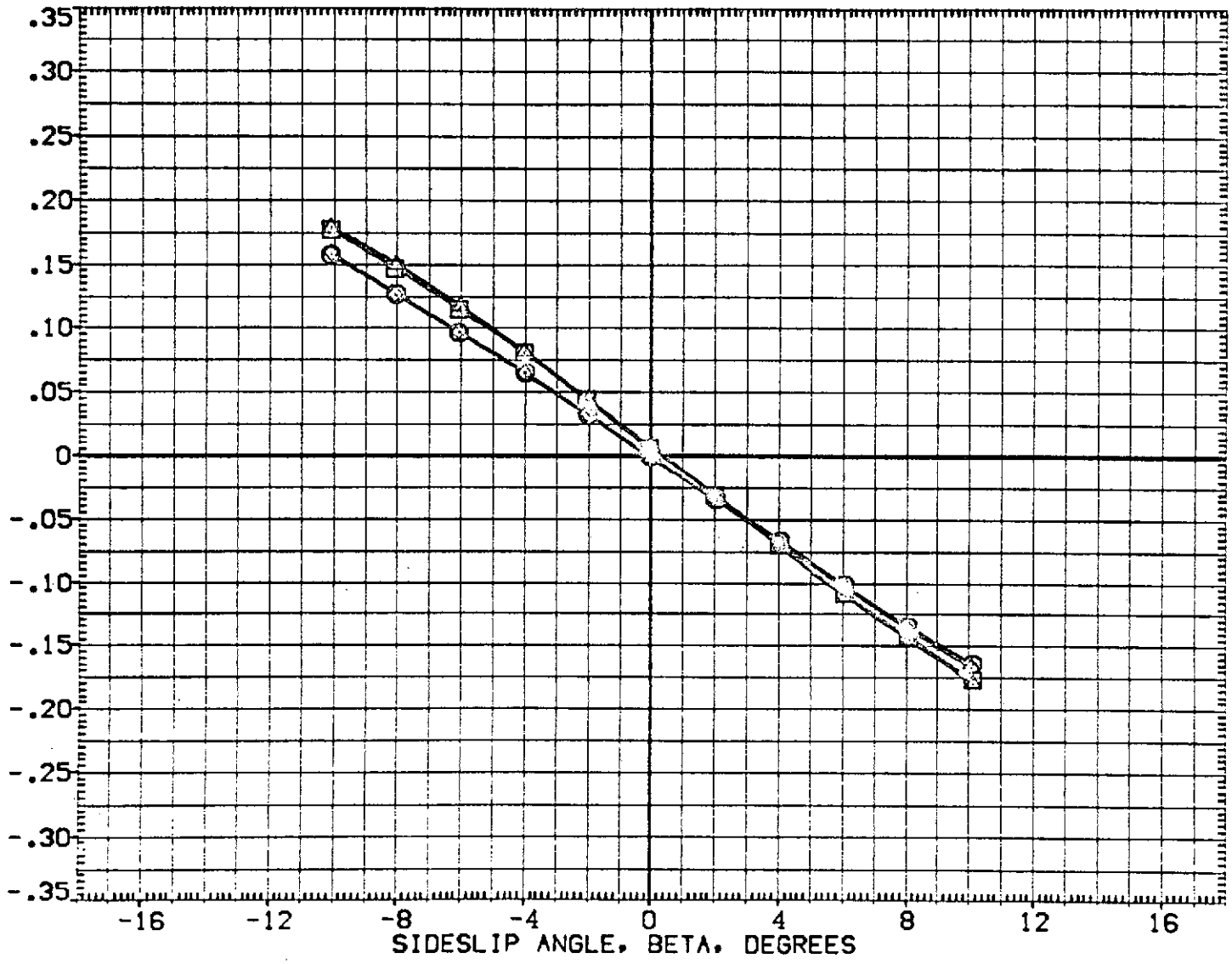


FIG 35 EFFECT OF VERTICAL TAIL GAPS ON LATERAL-DIR. STAB., ALPHA = 15 AND 20

(A)MACH = .26

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ALPHA	SPDBRK	RUDDER	BOFLAP
(RF2070)	○	BA37 B26 C9 F9 M7 V11CE37V8 R5	15.000	.000	.000	-12.000
(RF2071)	□	BA37 B26 C9 F9 M7 V11CE37V8 R5	20.000	.000	.000	-12.000
(RF2075)	◇	BA37 B26 C9 F9 M7 V11CE37V16R5	15.000	.000	.000	-12.000
(RF2076)	△	BA37 B26 C9 F9 M7 V11CE37V16R5	20.000	.000	.000	-12.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.0000	INCHES
BREF	958.0000	INCHES
XMRP	1076.7000	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0300	SCALE

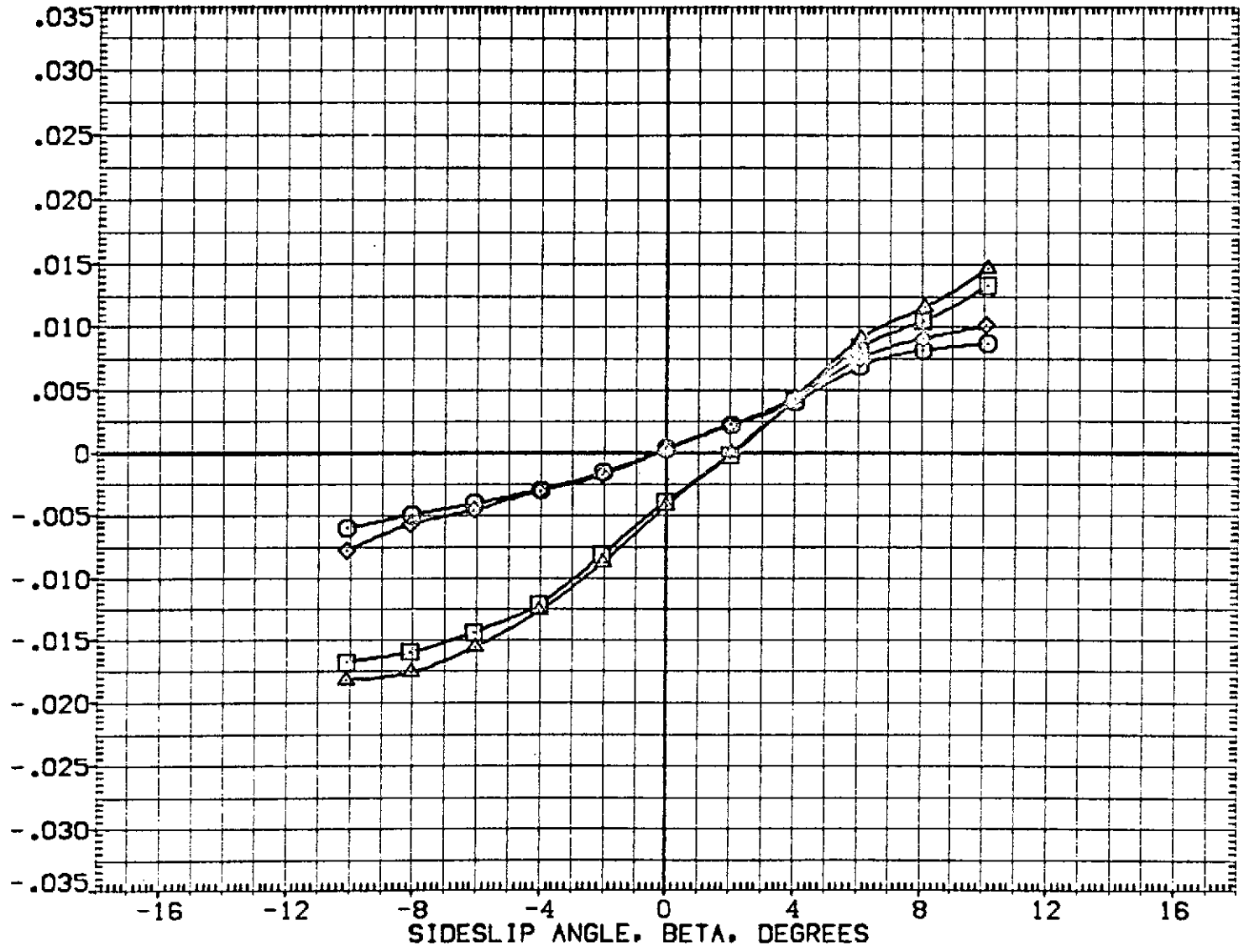


FIG 35 EFFECT OF VERTICAL TAIL GAPS ON LATERAL-DIR. STAB., ALPHA = 15 AND 20

(A)MACH = .26

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(RF2070)	○	0A37 B2G C9 F9 M7 W11GE37V0 R5
(RF2071)	□	0A37 B2G C9 F9 M7 W11GE37V3 R5
(RF2075)	◇	0A37 B2G C9 F9 M7 W11GE37V1GR5
(RF2076)	△	0A37 B2G C9 F9 M7 W11GE37V1GR5

ALPHA	SPOBRK	RUDDER	BOFLAP
15.000	.000	.000	-12.000
20.000	.000	.000	-12.000
15.000	.000	.000	-12.000
20.000	.000	.000	-12.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.0000	INCHES
BREF	933.0000	INCHES
XMRP	1076.7000	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0300	SCALE

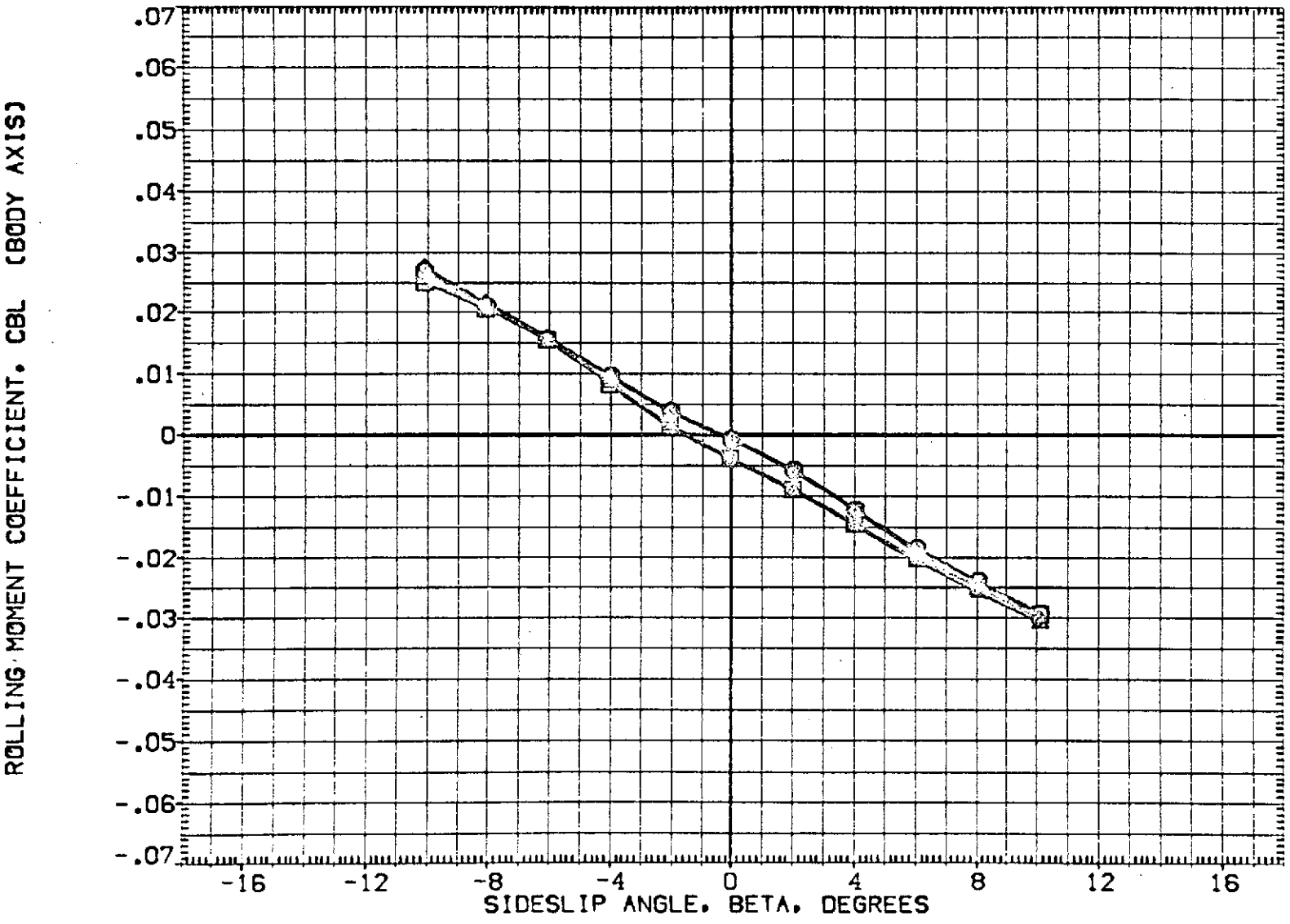


FIG 35 EFFECT OF VERTICAL TAIL GAPS ON LATERAL-DIR. STAB., ALPHA = 15 AND 20

(A)MACH = .26

0A37 B26 C9 F9 M7 W116E37V8 R5 (0F2068)

SYMBOL	GAP NO
○	1.000
□	2.000

PARAMETRIC VALUES

MACH	.200	BDFLAP	-12.000
ELEVON	.000	AILRON	.000
RUDDER	.000	SPDBRK	.000

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
LREF	474.0000	INCHES
BREF	900.0000	INCHES
XMRP	1076.7000	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0300	SCALE

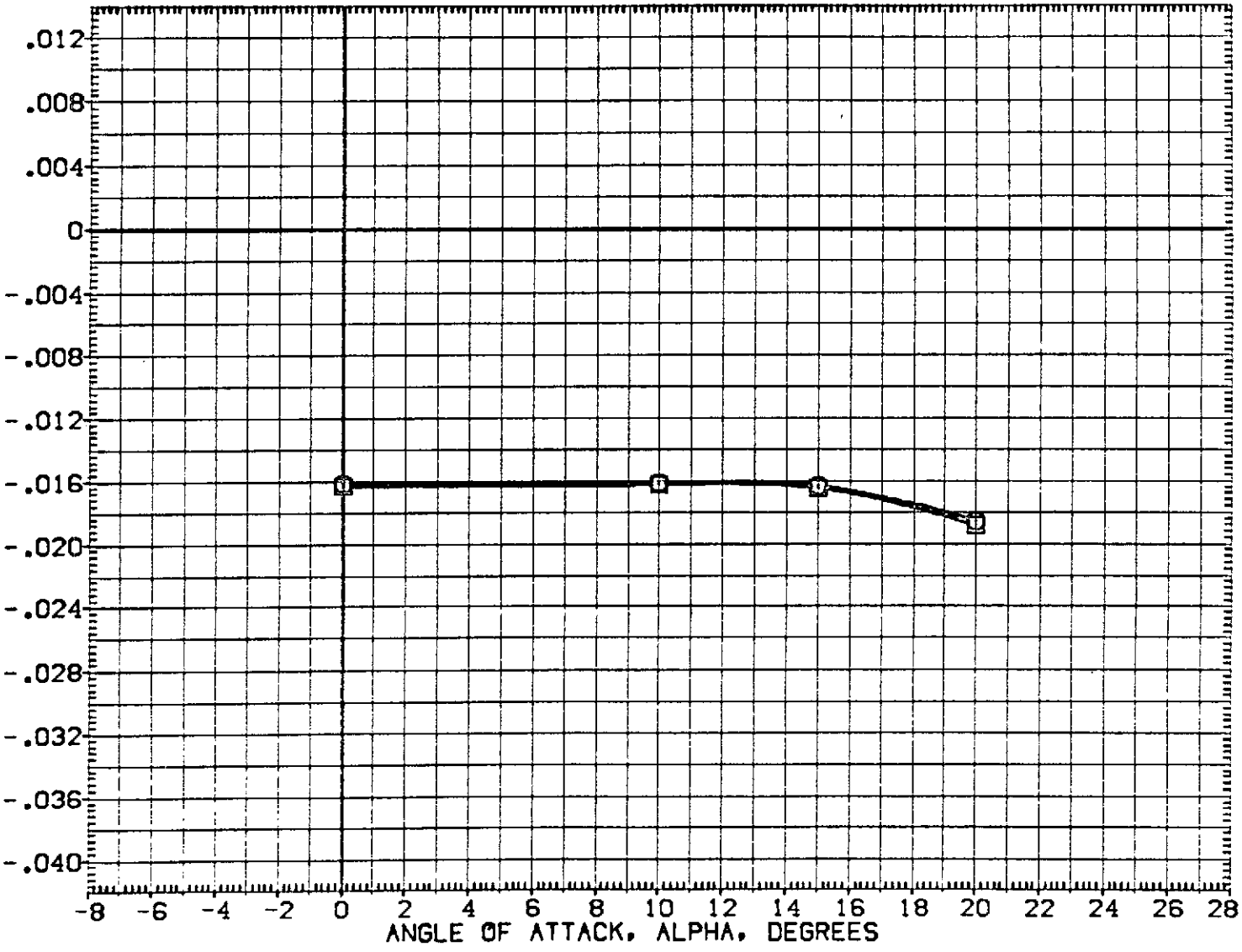


FIG 36 EFFECT OF VERTIAL TAIL GAPS ON LAT-DIR STAB DERIVATIVES , SPDBRK = 0

0A37 B26 C9 F9 M7 W116E37V8 R5 (0F2068)

SYMBOL	GAP NO		PARAMETRIC VALUES		
○	1.000	MACH	.260	BOFLAP	-12.000
□	2.000	ELEVON	.000	AILRON	.000
		RUDDER	.000	SPOBRK	.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.0000	INCHES
BREF	933.0000	INCHES
XMRP	1076.7000	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0300	SCALE

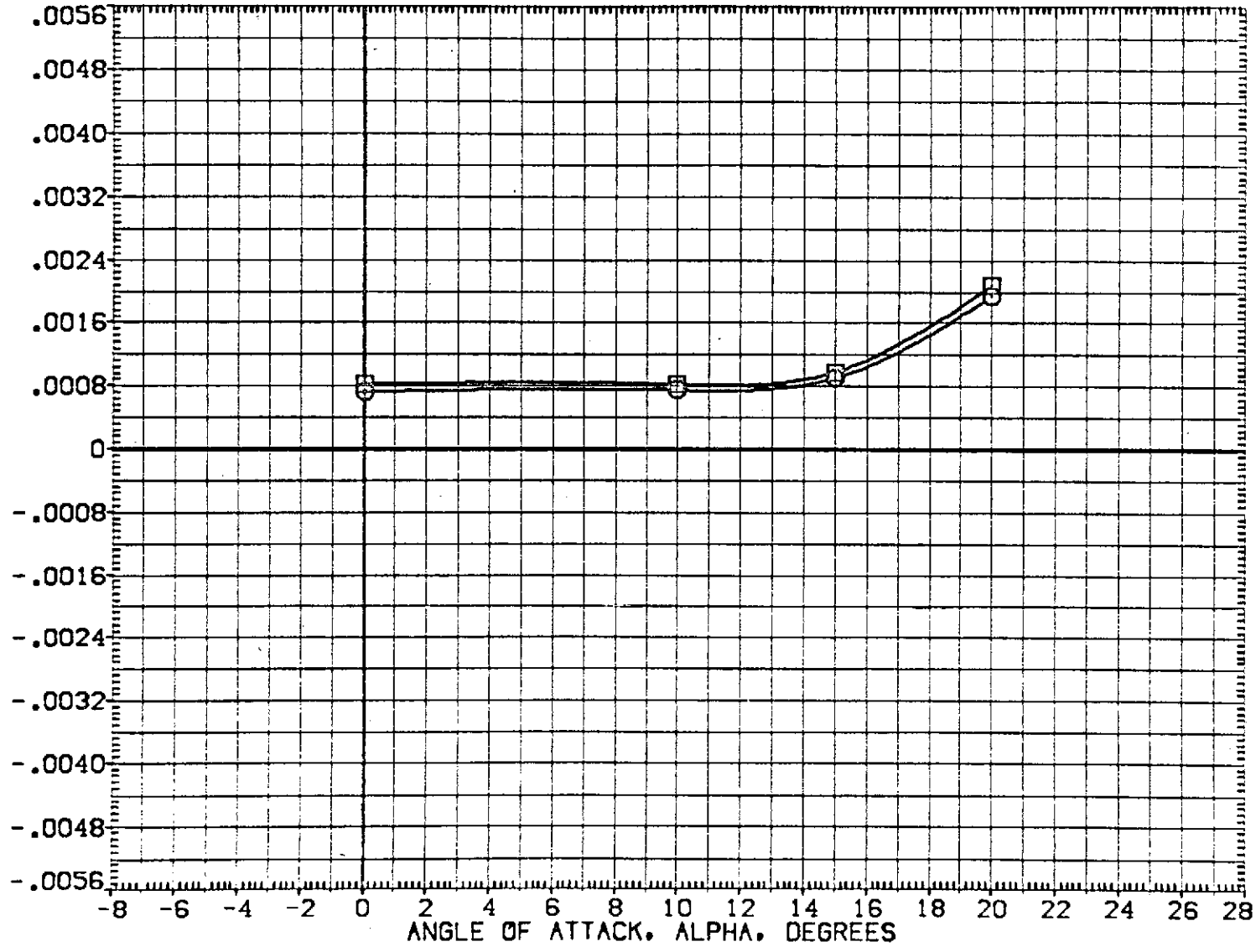


FIG 36 EFFECT OF VERTIAL TAIL GAPS ON LAT-DIR STAB DERIVATIVES , SPOBRK = 0

0A37 B26 C9 F9 M7 W116E37V8 R5 (0F2068)

SYMBOL	GAP NO	PARAMETRIC VALUES			
○	1.000	MACH	.260	BDFLAP	-12.000
□	2.000	ELEVON	.000	AILRON	.000
		RUDDER	.000	SPDBRK	.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.0000	INCHES
BREF	933.0000	INCHES
XMRP	1076.7000	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0300	SCALE

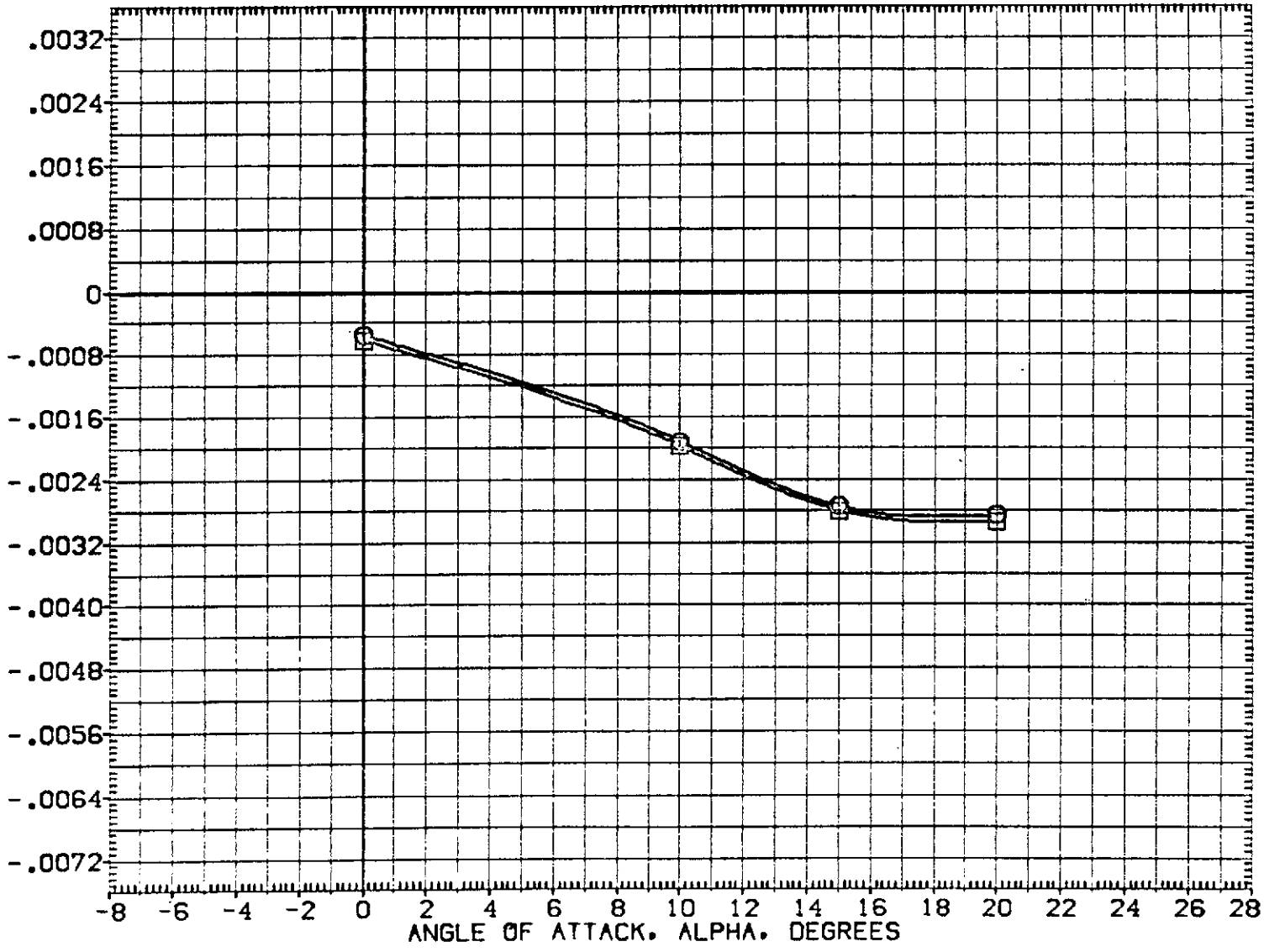


FIG 36 EFFECT OF VERTIAL TAIL GAPS ON LAT-DIR STAB DERIVATIVES , SPDBRK = 0

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ELEVON	BDFLAP	SPDBRK	RUDDER
(CF2003)	○	0A37 B26 C9 F9 H7 V11GE37V8 R5	.000	-12.000	25.000	.000
(CF2004)	□	0A37 B26 C9 F9 H7 V11GE37V8 R10	.000	-12.000	25.000	.000
(CF2009)	◇	0A37 B26 C9 F9 H7 V11GE37V8 R11	.000	-12.000	25.000	.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.8000	INCHES
BREF	920.0000	INCHES
XMRP	1078.7000	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0300	SCALE

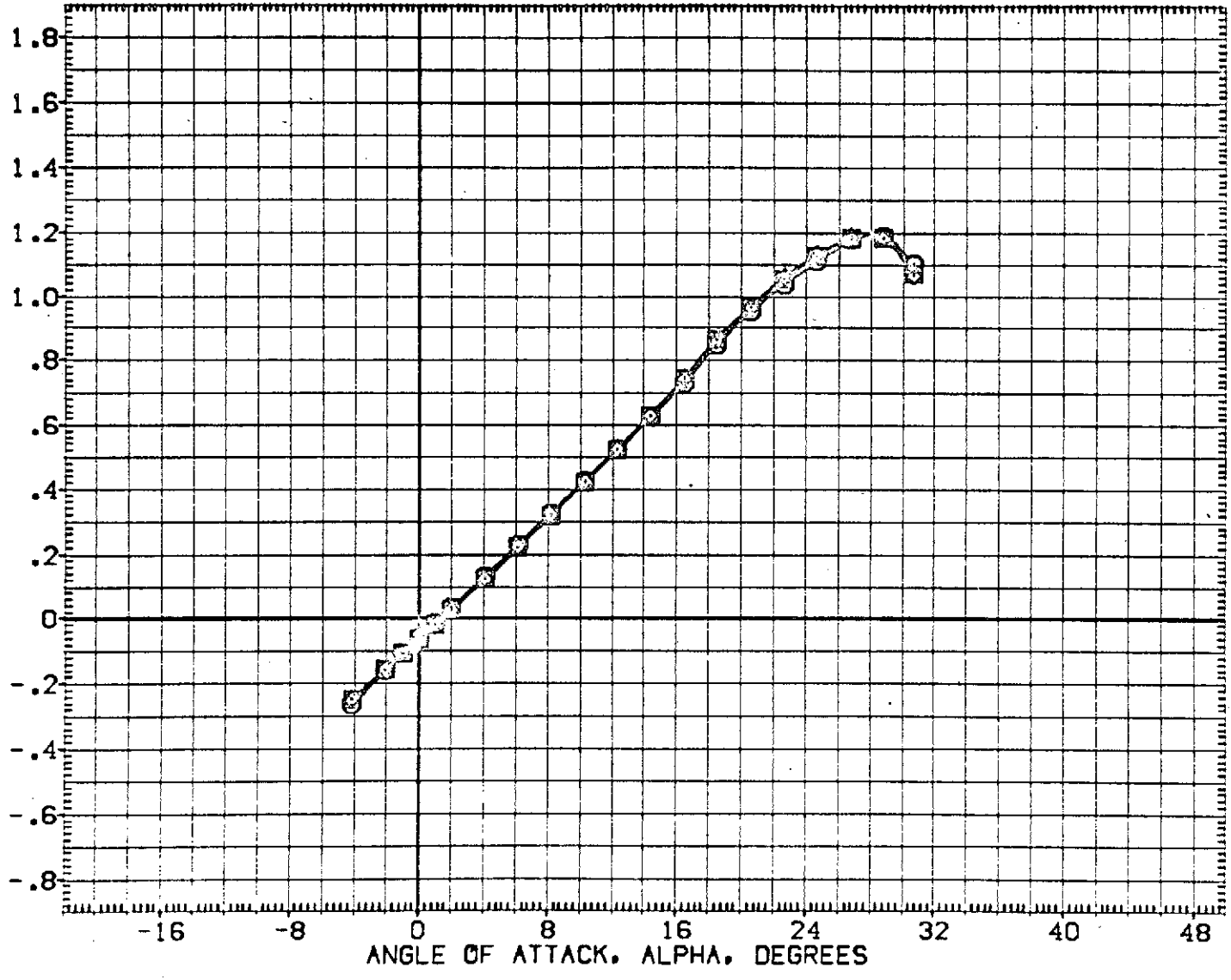


FIG 37 EFFECT OF RUDDER MODIFICATIONS ON LONGITUDINAL STABILITY, SPDBRK = 25

(A)MACH = .26

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
[CF2005]	○	DA37 B26 C9 F9 M7 V11GE37V8 R5
[CF2024]	□	DA37 B26 C9 F9 M7 V11GE37V8 R10
[CF2030]	◇	DA37 B26 C9 F9 M7 V11GE37V8 R11

ELEVON	BOFLAP	SPDBRK	RUDDER
.000	-12.000	25.000	.000
.000	-12.000	25.000	.000
.000	-12.000	25.000	.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.0000	INCHES
BREF	936.0000	INCHES
XMRP	1076.7000	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0500	SCALE

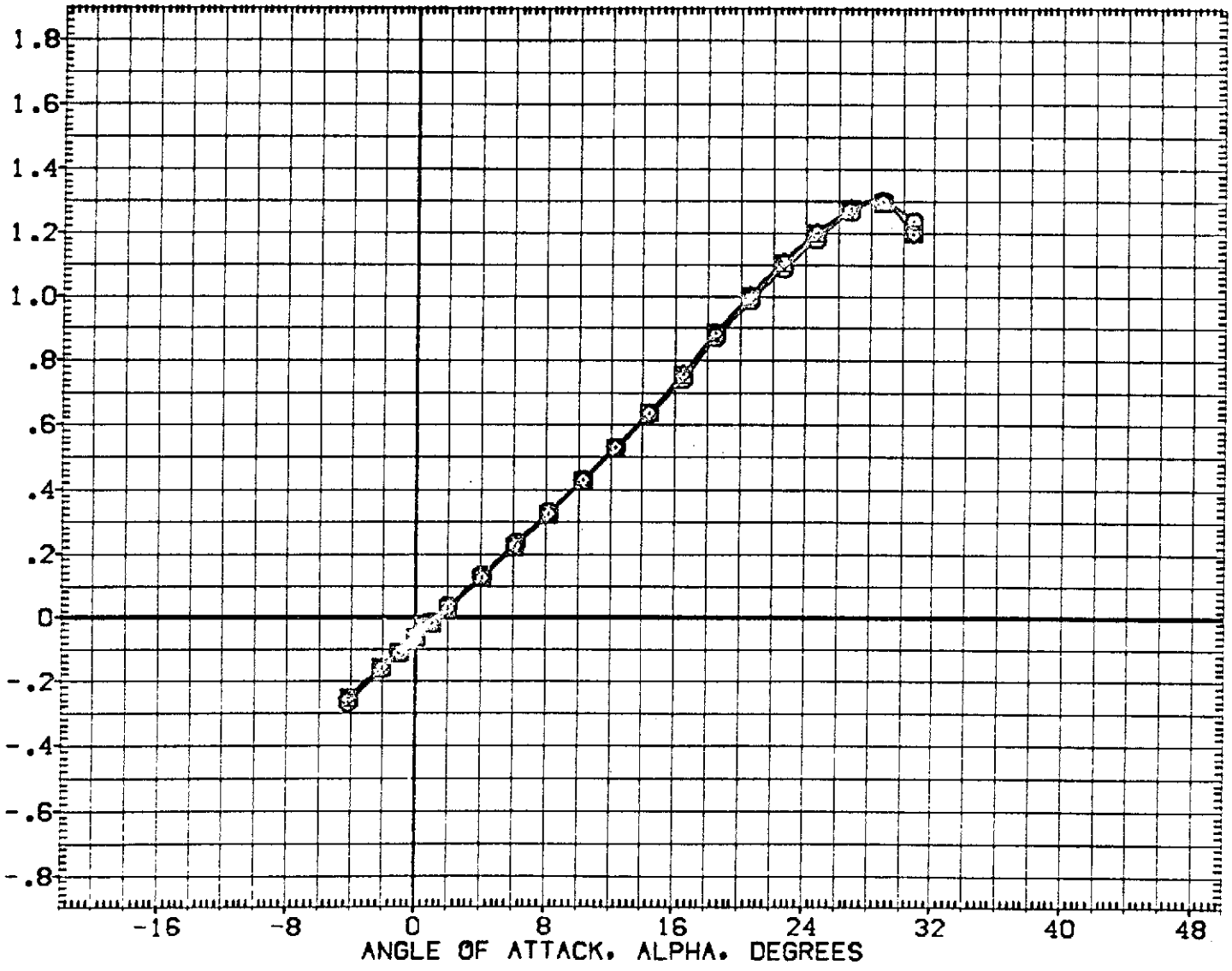


FIG 37 EFFECT OF RUDDER MODIFICATIONS ON LONGITUDINAL STABILITY, SPDBRK = 25

(A)MACH = .26

DATA SET SYMBOL		CONFIGURATION DESCRIPTION
(CF2005)	○	0A37 B26 C9 F9 M7 V11GE37V8 R5
(CF2004)	□	0A37 B26 C9 F9 M7 V11GE37V8 R10
(CF2009)	◇	0A37 B26 C9 F9 M7 V11GE37V8 R11

ELEVON	BDFLAP	SPDBRK	RUDDER
.000	-12.000	25.000	.000
.000	-12.000	25.000	.000
.000	-12.000	25.000	.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.0000	INCHES
BREF	933.0000	INCHES
XMRP	1070.7000	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0300	SCALE

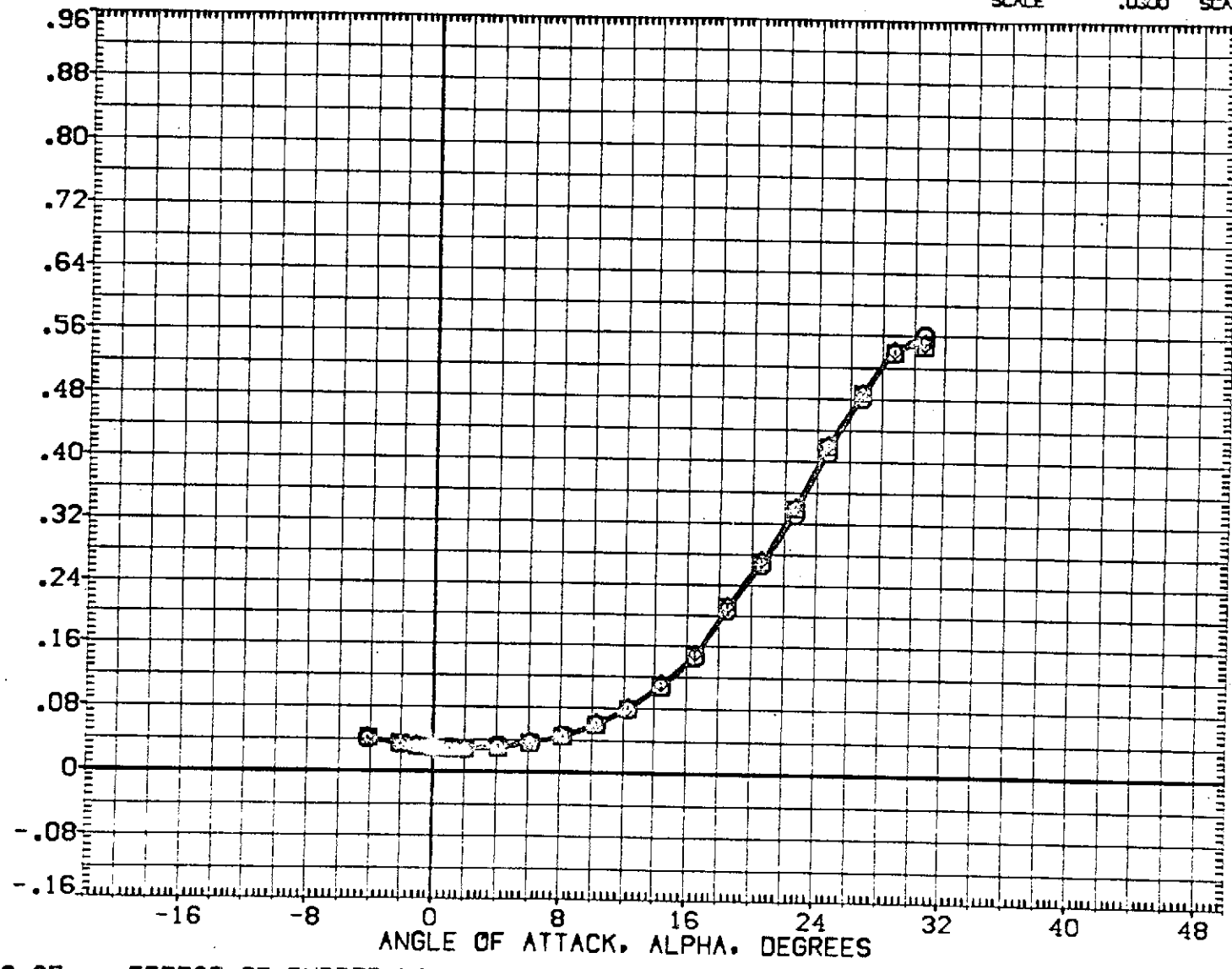


FIG 37 EFFECT OF RUDDER MODIFICATIONS ON LONGITUDINAL STABILITY, SPDBRK = 25

(A)MACH = .26

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ELEVON	BOFLAP	SPDBRK	RUDDER
(CF2006)	○	0A37 B2G C9 F9 M7 V11GE37V8 R5	.000	-12.000	25.000	.000
(CF2034)	□	0A37 B2G C9 F9 M7 V11GE37V8 R10	.000	-12.000	25.000	.000
(CF2009)	◇	0A37 B2G C9 F9 M7 V11GE37V8 R11	.000	-12.000	25.000	.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.6000	INCHES
BREF	985.0000	INCHES
XMRP	1078.7000	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0300	SCALE

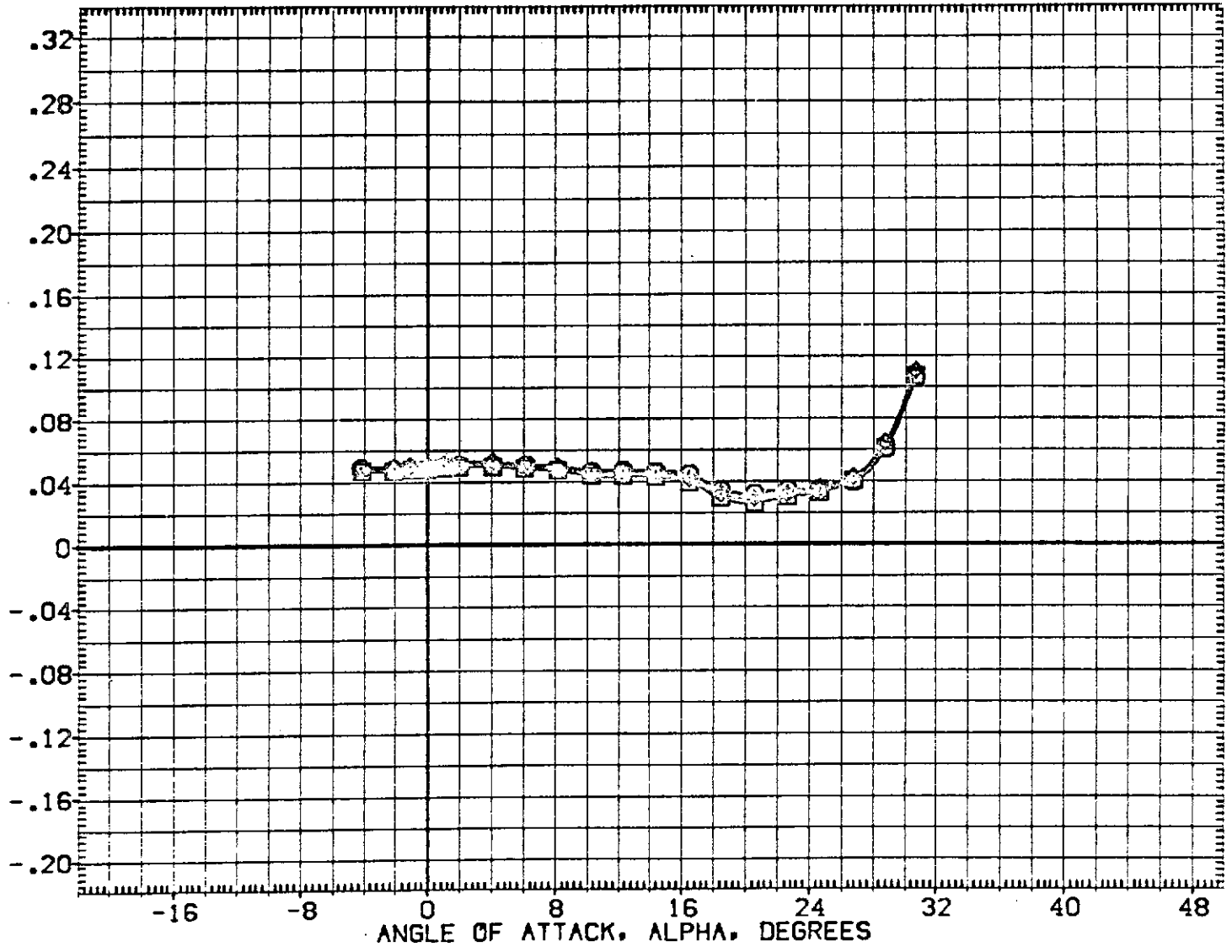


FIG 37 EFFECT OF RUDDER MODIFICATIONS ON LONGITUDINAL STABILITY, SPDBRK = 25

(A)MACH = .26

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ELEVON	BOFLAP	SPDBRK	RUDDER
(CF200S)	○	0A37 B22S C9 F9 M7 V11GE37V8 R5	.000	-12.000	25.000	.000
(CF20□4)	□	0A37 B23S C9 F9 M7 V11GE37V8 R10	.000	-12.000	25.000	.000
(CF20□3)	◇	0A37 B26 C9 F9 M7 V11GE37V8 R11	.000	-12.000	25.000	.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.0000	INCHES
BREF	930.0000	INCHES
XMRP	1076.7000	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0300	SCALE

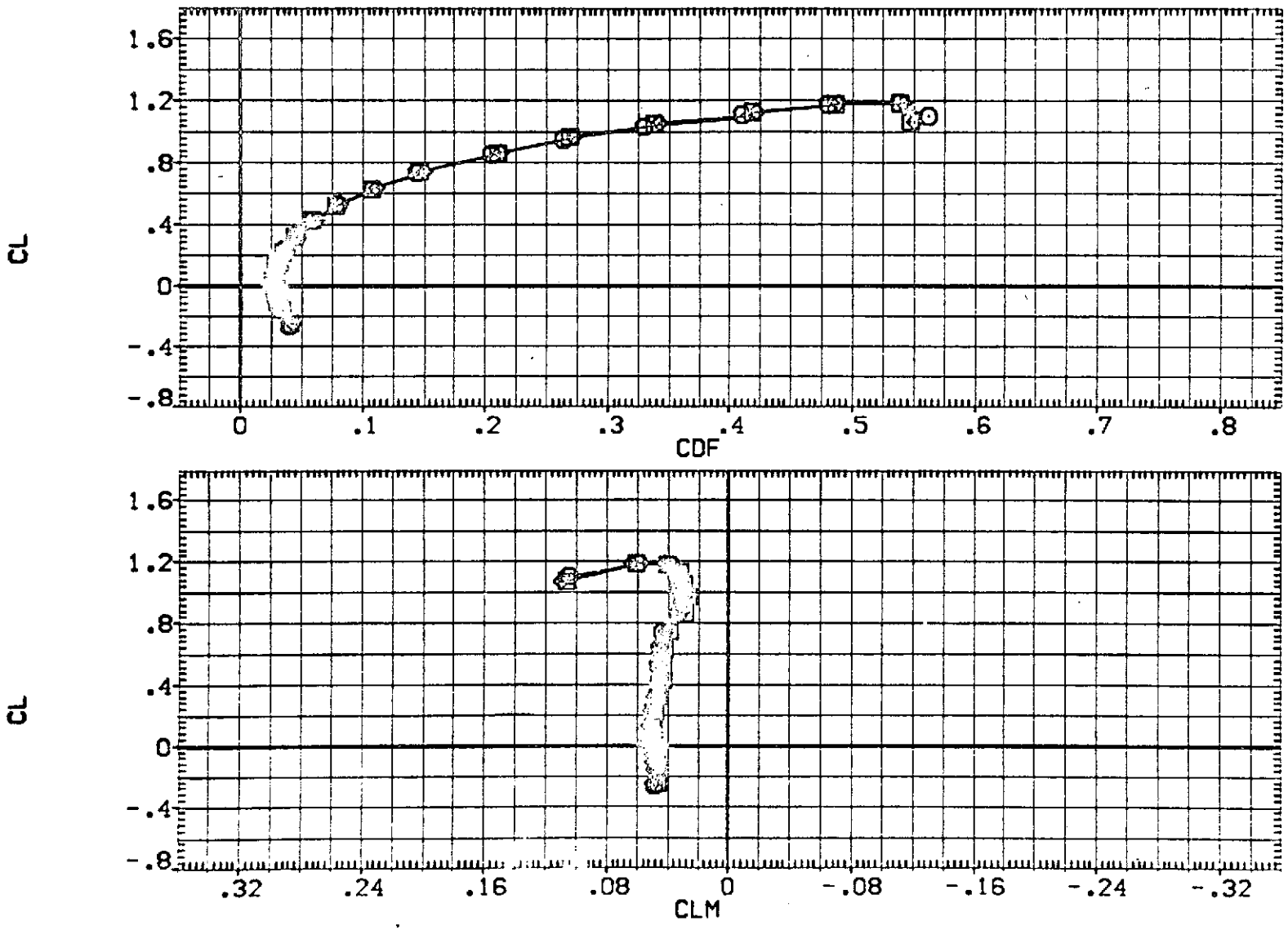


FIG 37 EFFECT OF RUDDER MODIFICATIONS ON LONGITUDINAL STABILITY, SPDBRK = 25

(A)MACH = .26

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ELEVON	BOFLAP	SPDBRK	RUDDER
(DF2008)	○	0A37 B026 C9 F9 M7 W11GE37V8 R5	.000	-12.000	25.000	.000
(DF2011)	□	0A37 B026 C9 F9 M7 W11GE37V8 R10	.000	-12.000	25.000	.000
(DF2009)	◇	0A37 B026 C9 F9 M7 W11GE37V8 R11	.000	-12.000	25.000	.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.6000	INCHES
BREF	935.6000	INCHES
XMRP	1076.7000	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0300	SCALE

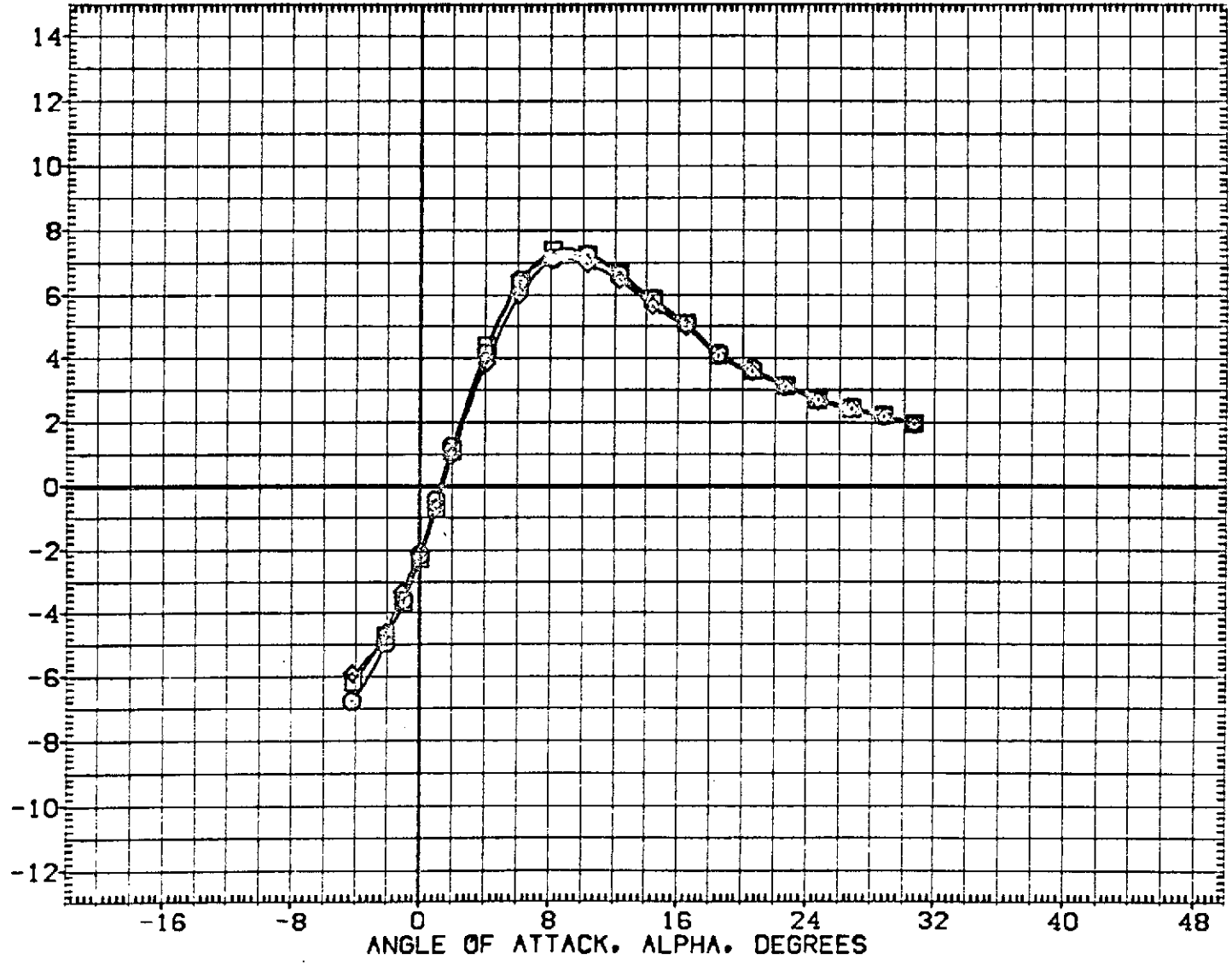


FIG 37 EFFECT OF RUDDER MODIFICATIONS ON LONGITUDINAL STABILITY, SPDBRK = 25

(A)MACH = .26

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ALPHA	SPDBRK	RUDDER	BDFLAP
(RF2002)	○	0A37 B2S C9 F9 M7 V116E37V8 R5	.000	25.000	.000	-12.000
(RF2005)	□	0A37 B2G C9 F9 M7 V116E37V8 R10	.000	25.000	.000	-12.000
(RF2030)	◇	0A37 B2G C9 F9 M7 V116E37V8 R11	.000	25.000	.000	-12.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.6000	INCHES
BREF	936.6000	INCHES
XMRP	1076.7000	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0300	SCALE

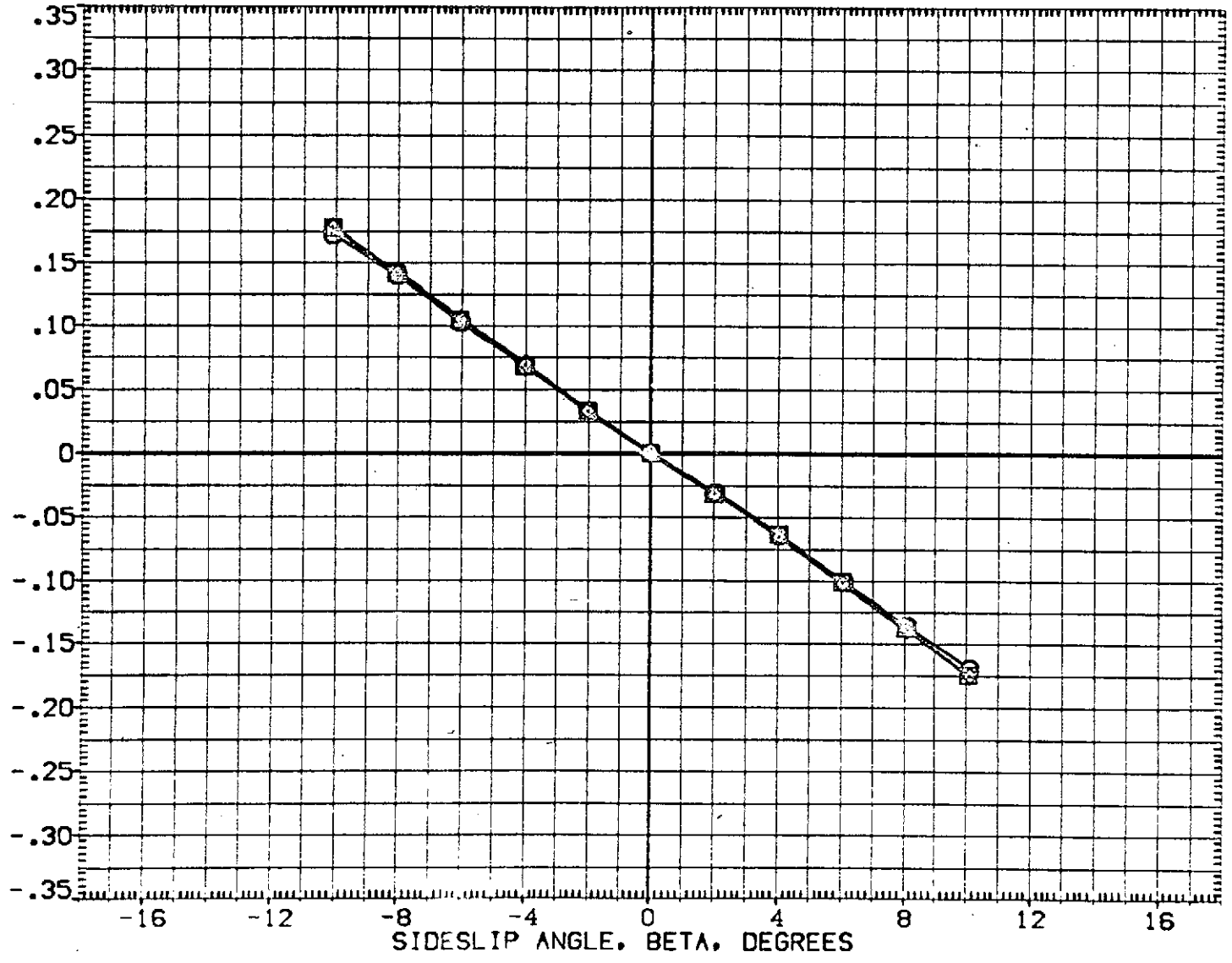


FIG 38 EFFECT OF RUDDER MODIFICATIONS ON LAT-DIR STAB, ALPHA = 0 SPDBRK = 25

(A)MACH = .26

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ALPHA	SPDBRK	RUDDER	BOFLAP
(RF2002)	○	0A37 B26 C9 F9 M7 V11GE37V8 R5	.000	25.000	.000	-12.000
(RF2005)	□	0A37 B26 C9 F9 M7 V11GE37V8 R10	.000	25.000	.000	-12.000
(RF2030)	◇	0A37 B26 C9 F9 M7 V11GE37V8 R11	.000	25.000	.000	-12.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.6000	INCHES
BREF	996.8000	INCHES
XMRP	1076.7000	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0300	SCALE

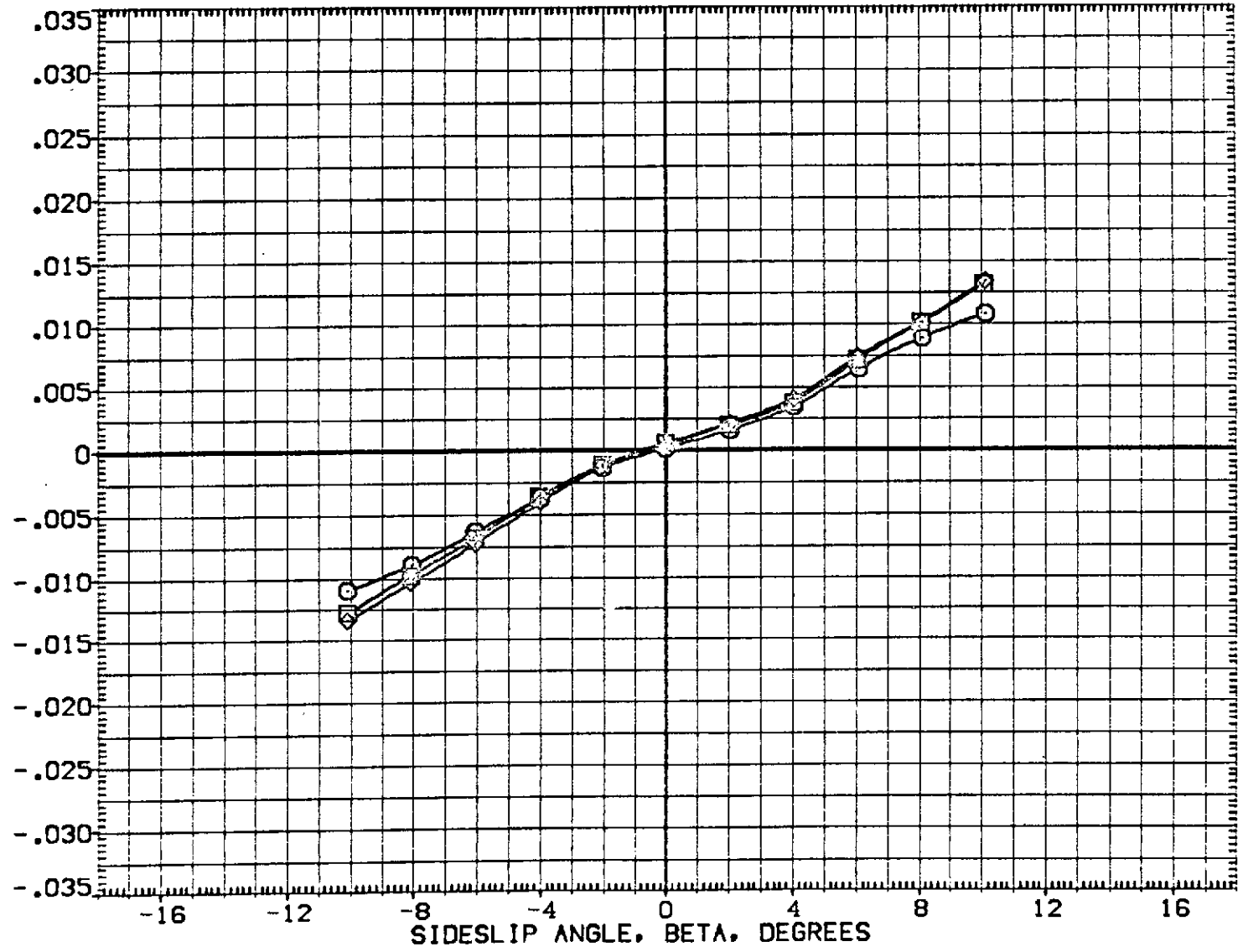


FIG 38 EFFECT OF RUDDER MODIFICATIONS ON LAT-DIR STAB, ALPHA = 0 SPDBRK = 25

(A)MACH = .26

DATA SET SYMBOL		CONFIGURATION DESCRIPTION	ALPHA	SPDBRK	RUDDER	BOFLAP
(RF2002)	□	0A37 B26 C9 F9 H7 V11GE37V8 R5	.000	25.000	.000	-12.000
(RF2035)	○	0A37 B26 C9 F9 H7 V11GE37V8 R10	.000	25.000	.000	-12.000
(RF2090)	◇	0A37 B26 C9 F9 H7 V11GE37V8 R11	.000	25.000	.000	-12.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.0000	INCHES
BREF	999.0000	INCHES
XMRP	1078.7000	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0300	SCALE

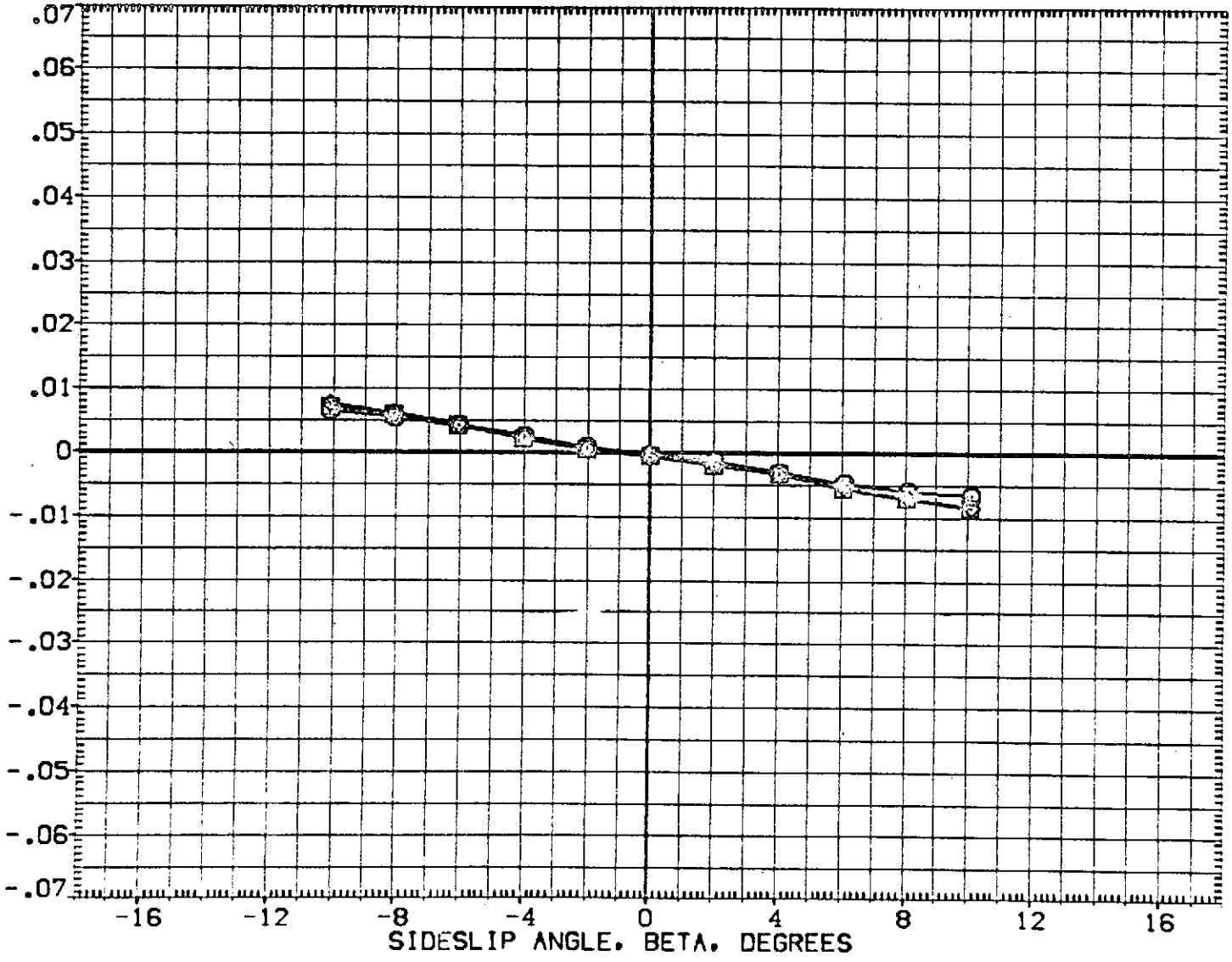


FIG 38 EFFECT OF RUDDER MODIFICATIONS ON LAT-DIR STAB, ALPHA = 0 SPDBRK = 25

(A)MACH = .26

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ALPHA	SPDBRK	RUDDER	BDFLAP
(RF2003)	○	0A37 B26 C9 F9 M7 V11GE37V8 R5	10.000	25.000	.000	-12.000
(RF2006)	□	0A37 B26 C9 F9 M7 V11GE37V8 R10	10.000	25.000	.000	-12.000
(RF2031)	◇	0A37 B26 C9 F9 M7 V11GE37V8 R11	10.000	25.000	.000	-12.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.6000	INCHES
BREF	936.0000	INCHES
XMRP	1076.7000	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0300	SCALE

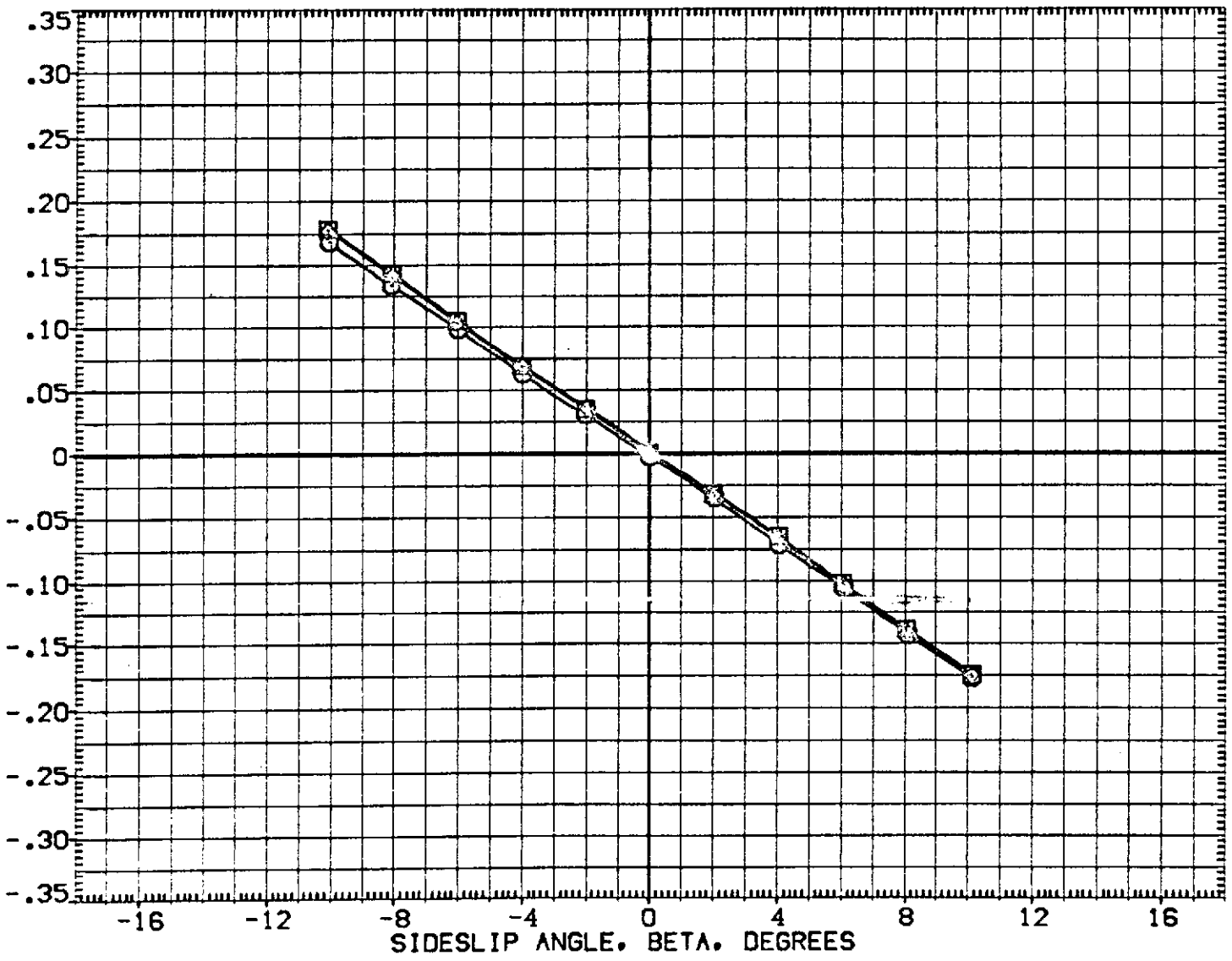


FIG 39 EFFECT OF RUDDER MODIFICATIONS ON LAT-DIR STAB, ALPHA = 10

(A)MACH = .26

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(RF2003)	○	BA37 B26 C9 F9 M7 V116E37V8 R5
(RF2026)	□	BA37 B26 C9 F9 M7 V116E37V8 R10
(RF2091)	◇	BA37 B26 C9 F9 M7 V116E37V8 R11

ALPHA	SPOBRK	RUDDER	BDFLAP
10.000	25.000	.000	-12.000
10.000	25.000	.000	-12.000
10.000	25.000	.000	-12.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.6000	INCHES
BREF	936.8000	INCHES
XMRP	1076.7000	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0300	SCALE

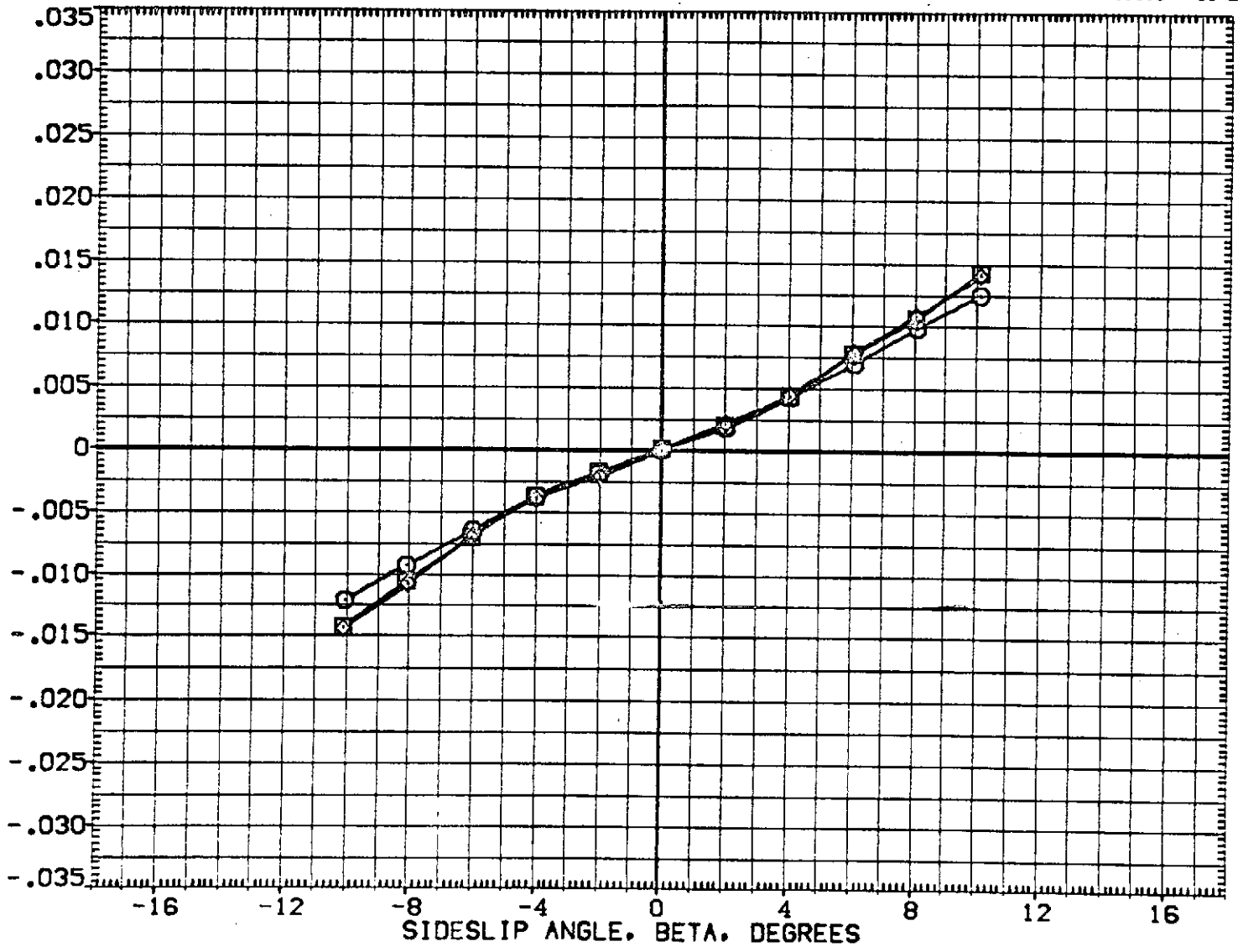


FIG 39 EFFECT OF RUDDER MODIFICATIONS ON LAT-DIR STAB, ALPHA = 10

(A)MACH = .26

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ALPHA	SPOBRK	RUDDER	BOFLAP
[RF2093]	○	0A37 B26 C9 F9 M7 V11EE37V8 R5	10.000	25.000	.000	-12.000
[RF2096]	□	0A37 B26 C9 F9 M7 V11CE37V8 R10	10.000	25.000	.000	-12.000
[RF2091]	◇	0A37 B26 C9 F9 M7 V11BE37V8 R11	10.000	25.000	.000	-12.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.6000	INCHES
BREF	935.6000	INCHES
XMRP	1076.7000	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0300	SCALE

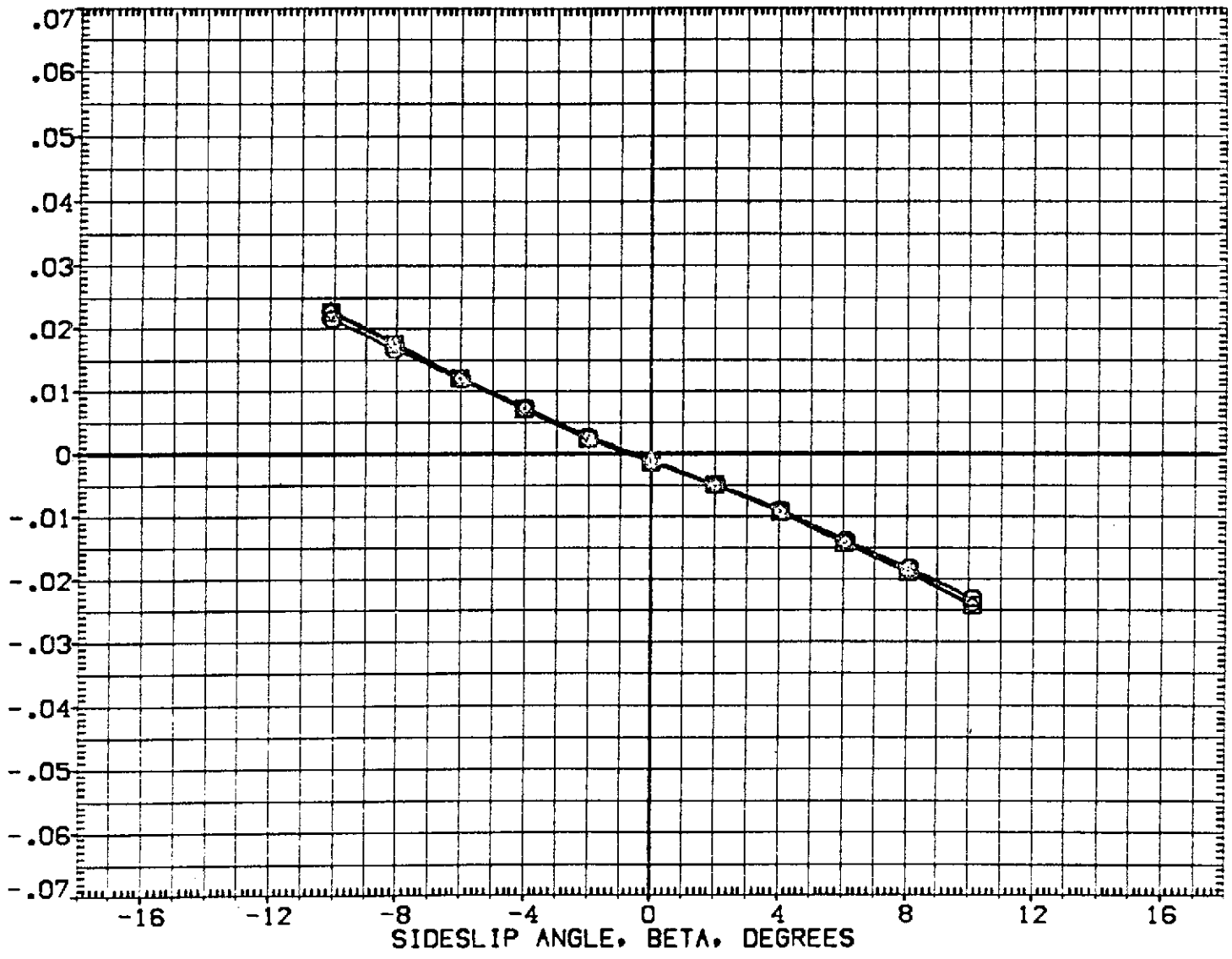


FIG 39 EFFECT OF RUDDER MODIFICATIONS ON LAT-DIR STAB, ALPHA = 10

(A)MACH = .26

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ALPHA	SPOBRK	RUDDER	BDFLAP
(RF2004)	○	0A37 B25 C9 F9 M7 V11GE37V8 R5	15.000	25.000	.000	-12.000
(RF2037)	□	0A37 B25 C9 F9 M7 V11GE37V8 R10	15.000	25.000	.000	-12.000
(RF2052)	◇	0A37 B25 C9 F9 M7 V11GE37V8 R11	15.000	25.000	.000	-12.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.0000	INCHES
BREF	935.6000	INCHES
XMRP	1076.7000	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0300	SCALE

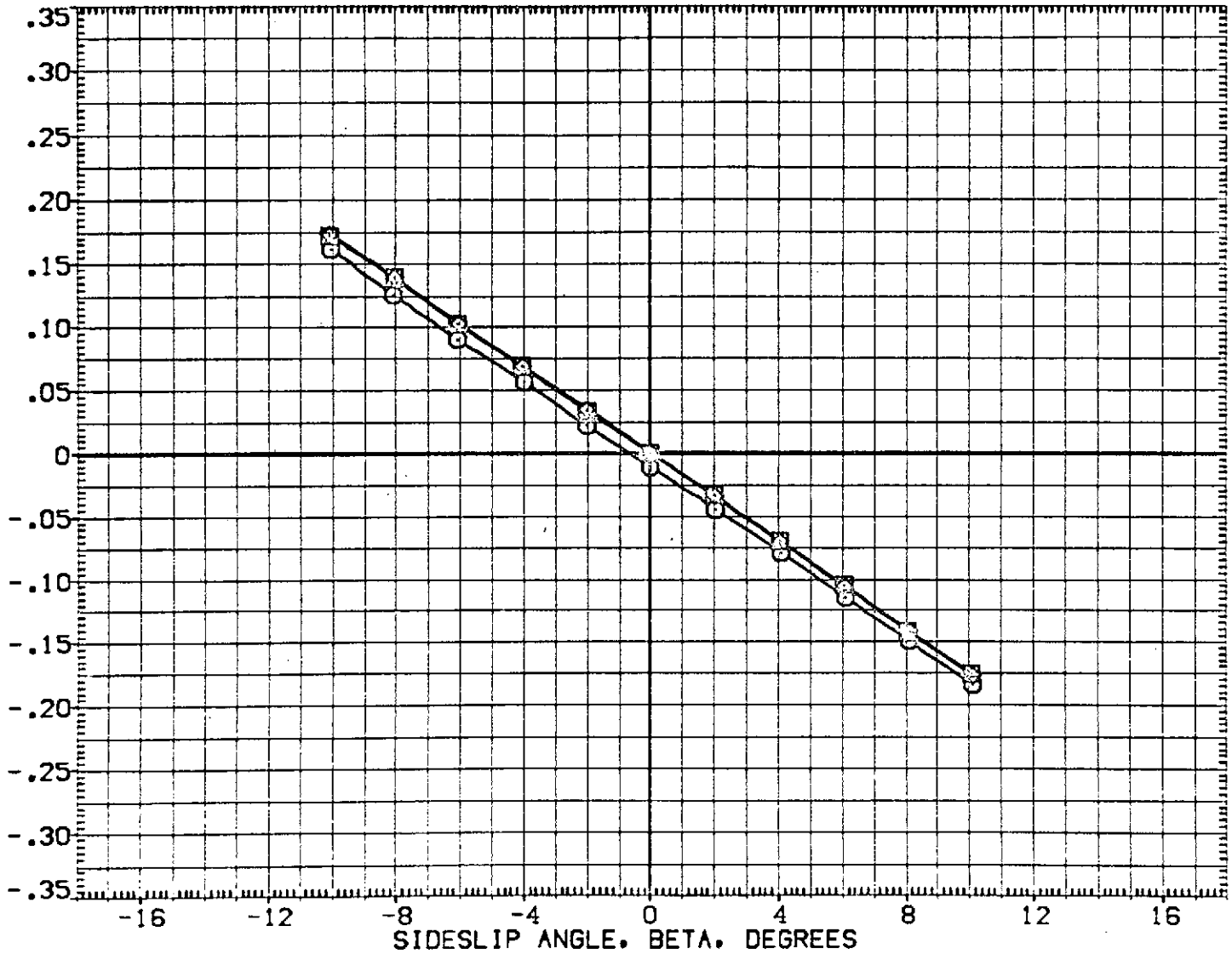


FIG 40 EFFECT OF RUDDER MODIFICATIONS ON LAT-DIR STAB, ALPHA = 15

(A)MACH = .26

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ALPHA	SPOBRK	RUDDER	BOFLAP
(RF2004)	○	0A37 B26 C9 F9 M7 V11GE37V0 R5	15.000	25.000	.000	-12.000
(RF2037)	□	0A37 B26 C9 F9 M7 V11GE37V0 R10	15.000	25.000	.000	-12.000
(RF2092)	◇	0A37 B26 C9 F9 M7 V11GE37V0 R11	15.000	25.000	.000	-12.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.6000	INCHES
BREF	936.8000	INCHES
XMRP	1076.7000	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0300	SCALE

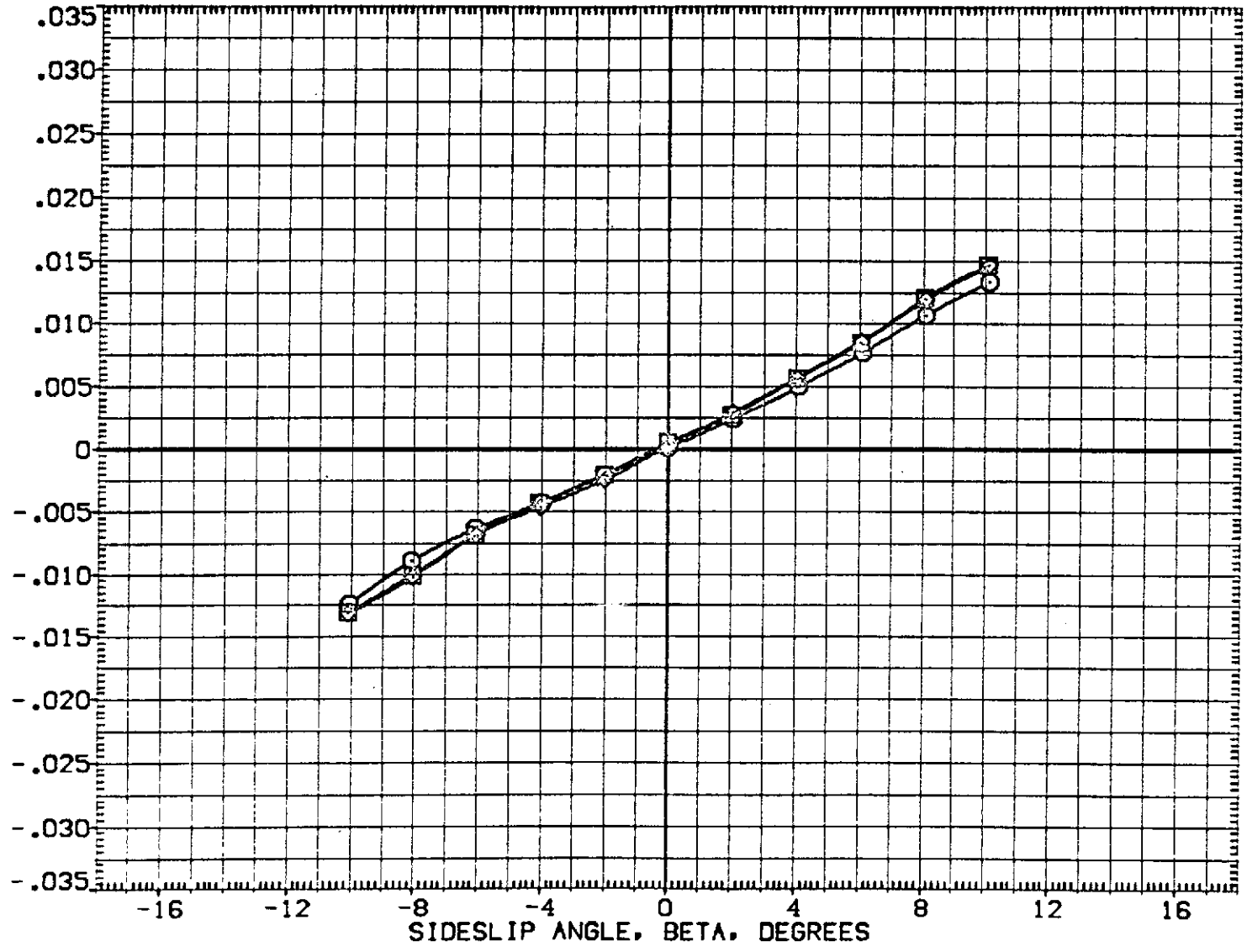


FIG 40 EFFECT OF RUDDER MODIFICATIONS ON LAT-DIR STAB, ALPHA = 15

(A)MACH = .26

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ALPHA	SPOBRK	RUDDER	BOFLAP
(RF2004)	○	0A37 B26 C9 F9 M7 V11GE37V8 R5	15.000	25.000	.000	-12.000
(RF2027)	□	0A37 B26 C9 F9 M7 V11GE37V8 R10	15.000	25.000	.000	-12.000
(RF2032)	◇	0A37 B26 C9 F9 M7 V11GE37V8 R11	15.000	25.000	.000	-12.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.0000	INCHES
BREF	999.0000	INCHES
XMRP	1076.7000	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0300	SCALE

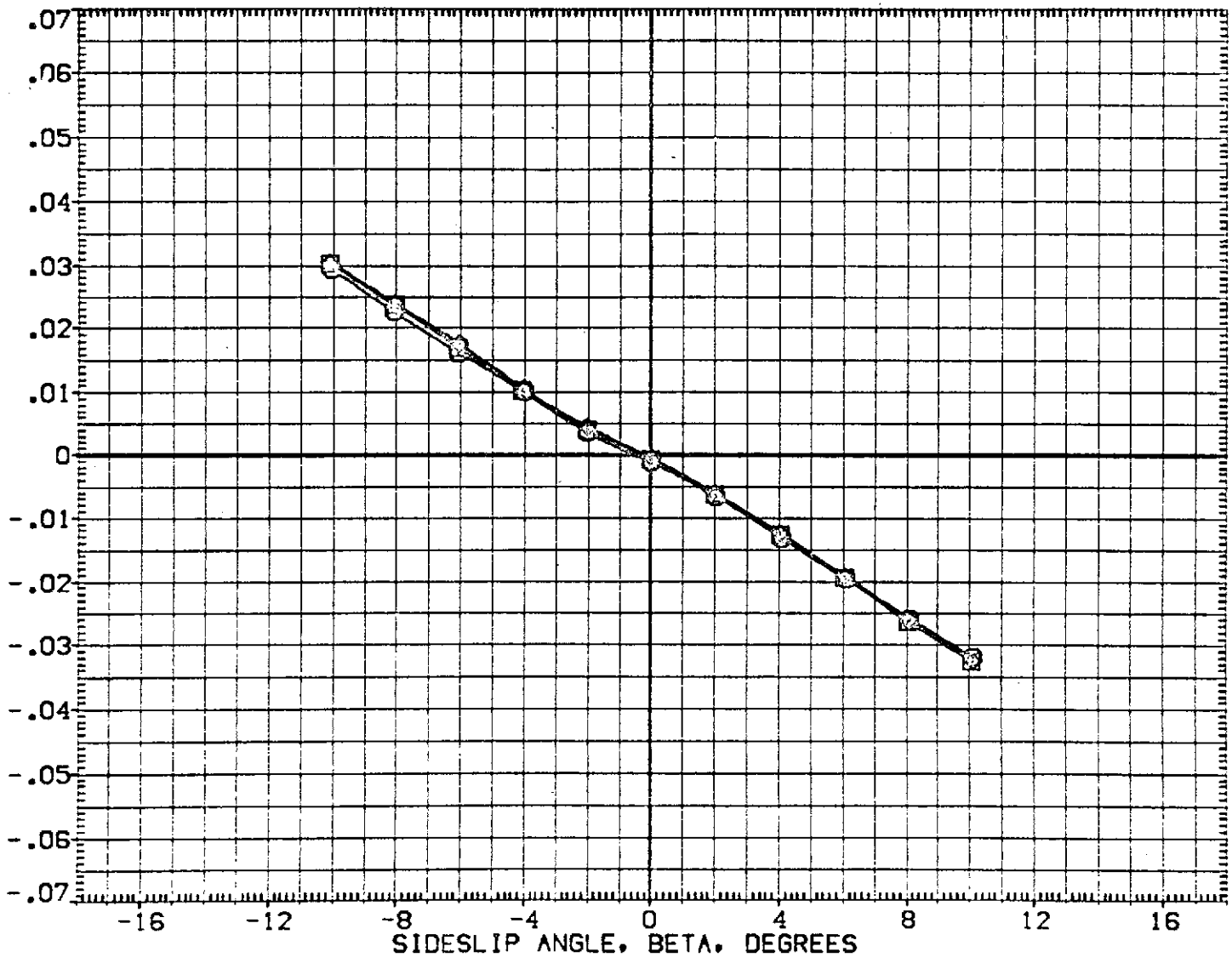


FIG 40 EFFECT OF RUDDER MODIFICATIONS ON LAT-DIR STAB, ALPHA = 15

(A)MACH = .26

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ALPHA	SPOBRK	RUDDER	BOFLAP
(RF2005) ○	0A37 B26 C9 F9 M7 V11GE37V8 R5	20.000	25.000	.000	-12.000
(RF20[illegible]) □	0A37 B26 C9 F9 M7 V11GE37V8 R10	20.000	25.000	.000	-12.000
(RF2003) ◇	0A37 B26 C9 F9 M7 V11GE37V8 R11	20.000	25.000	.000	-12.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.6000	INCHES
BREF	960.0000	INCHES
XMRP	1075.7000	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0300	SCALE

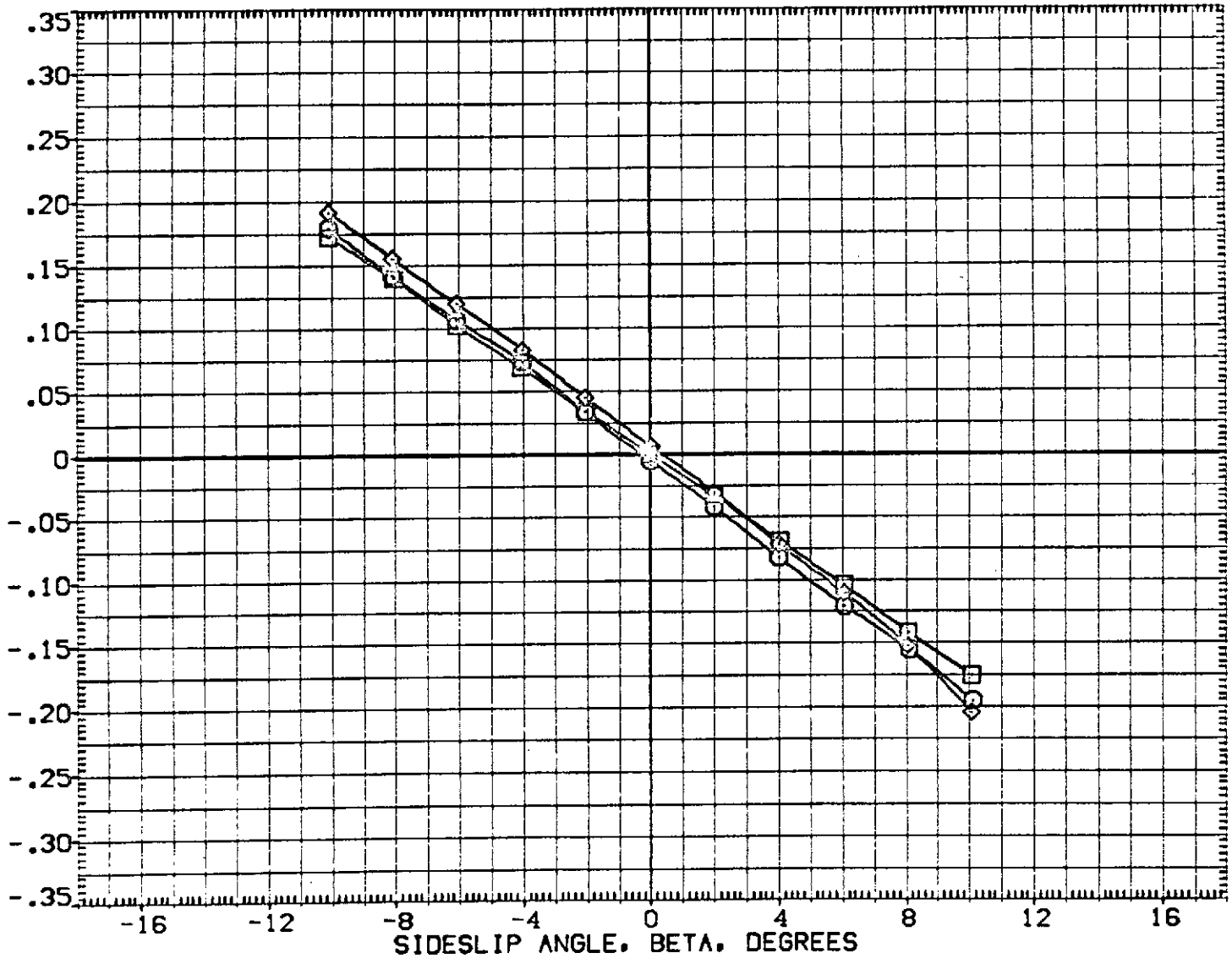


FIG 41 · EFFECT OF RUDDER MODIFICATIONS ON LAT-DIR STAB, ALPHA = 20

(A)MACH = .26

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ALPHA	SPOBRK	RUDDER	BOFLAP
(RF2005)	○	0A37 B2G C9 F9 M7 V11GE37V8 R5	20.000	25.000	.000	-12.000
(RF2003)	◇	0A37 B2G C9 F9 M7 V11GE37V8 R11	20.000	25.000	.000	-12.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.6000	INCHES
BREF	935.8000	INCHES
XMRP	1076.7000	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0300	SCALE

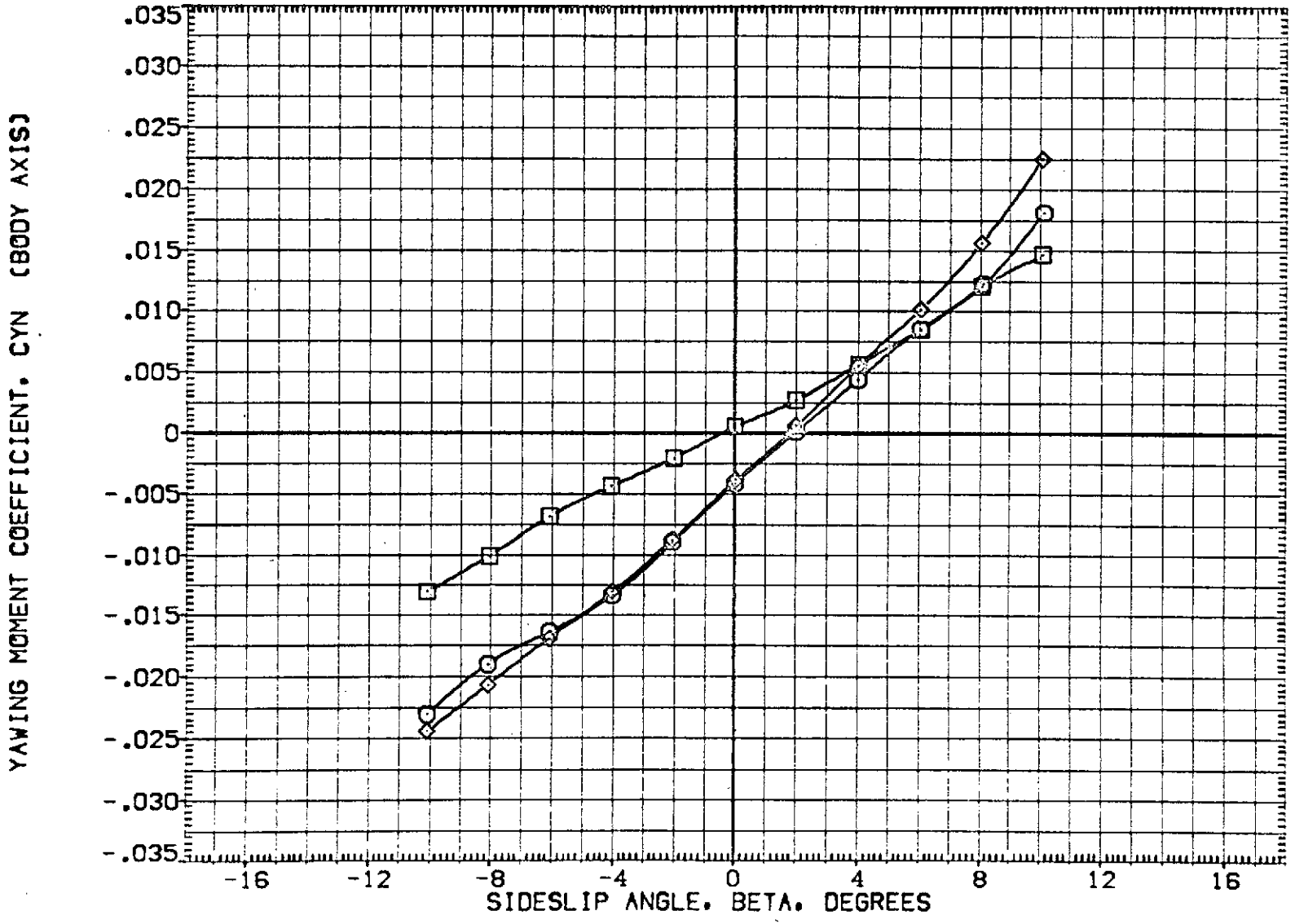


FIG 41 EFFECT OF RUDDER MODIFICATIONS ON LAT-DIR STAB, ALPHA = 20

(A)MACH = .26

DATA SET SYMBOL	CONFIGURATION DESCRIPTION							ALPHA	SPOBRK	RUDDER	BDFLAP
(RF2025)	○	0A37	B2G	C9	F9	M7	V11GE37V8	R5	20.000	25.000	.000	-12.000
(RF2030)	□	0A37	B2G	C9	F9	M7	V11GE37V3	R10	20.000	25.000	.000	-12.000
(RF2033)	◇	0A37	B2G	C9	F9	M7	V11GE37V8	R11	20.000	25.000	.000	-12.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.0000	INCHES
BREF	935.0000	INCHES
XMRP	1075.7000	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0300	SCALE

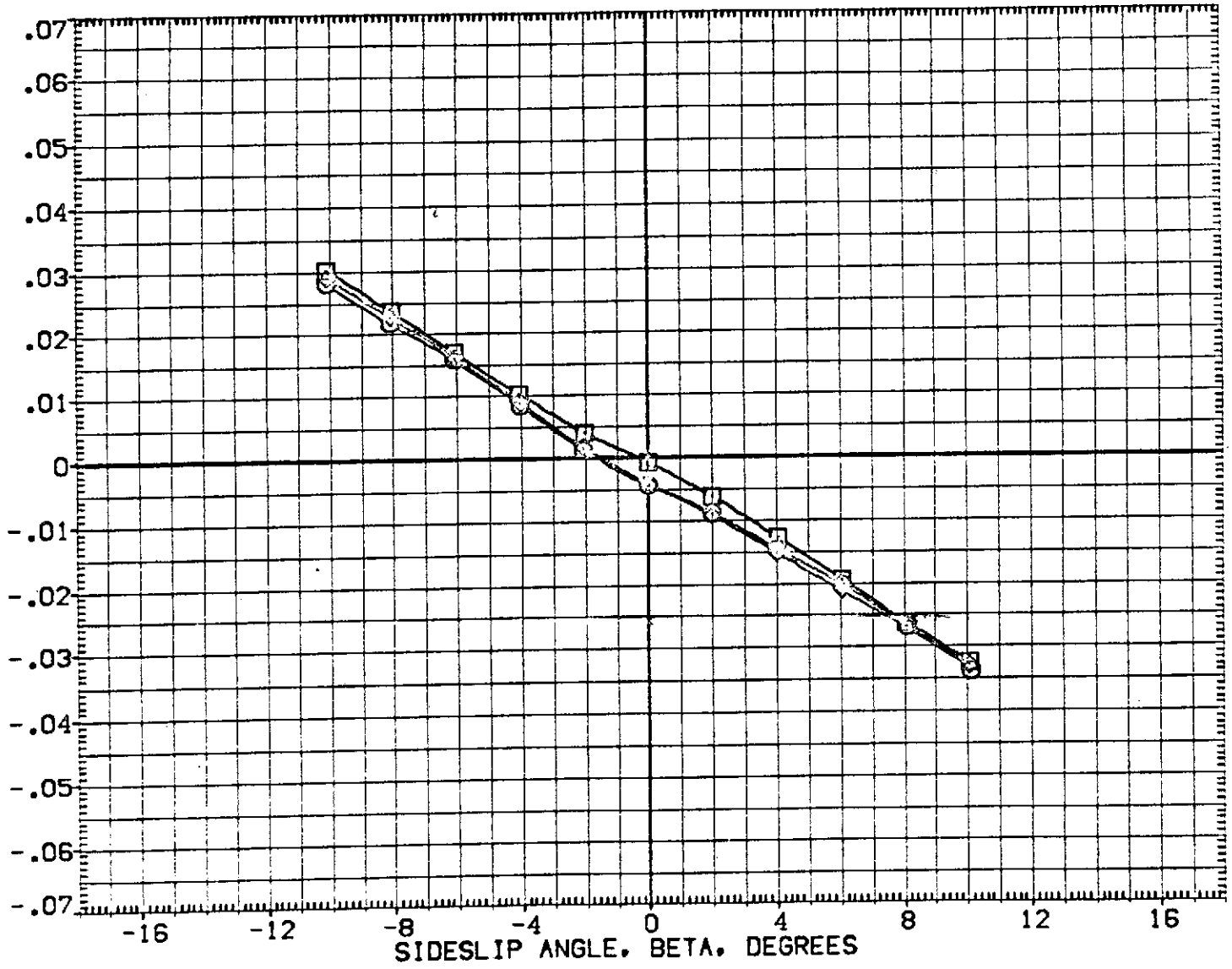


FIG 41 EFFECT OF RUDDER MODIFICATIONS ON LAT-DIR STAB, ALPHA = 20

(A)MACH = .26

0A37 B26 C9 F9 M7 W116E37V8 R5 (PF2002)

SYMBOL	RUDMOD
○	1.000
□	2.000
◇	3.000

PARAMETRIC VALUES

MACH	.260	BOFLAP	-12.000
ELEVON	.000	AILRON	.000
RUDDER	.000	SPDBRK	25.000

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
LREF	474.0000	INCHES
BREF	935.0000	INCHES
XMRP	1076.7000	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0300	SCALE

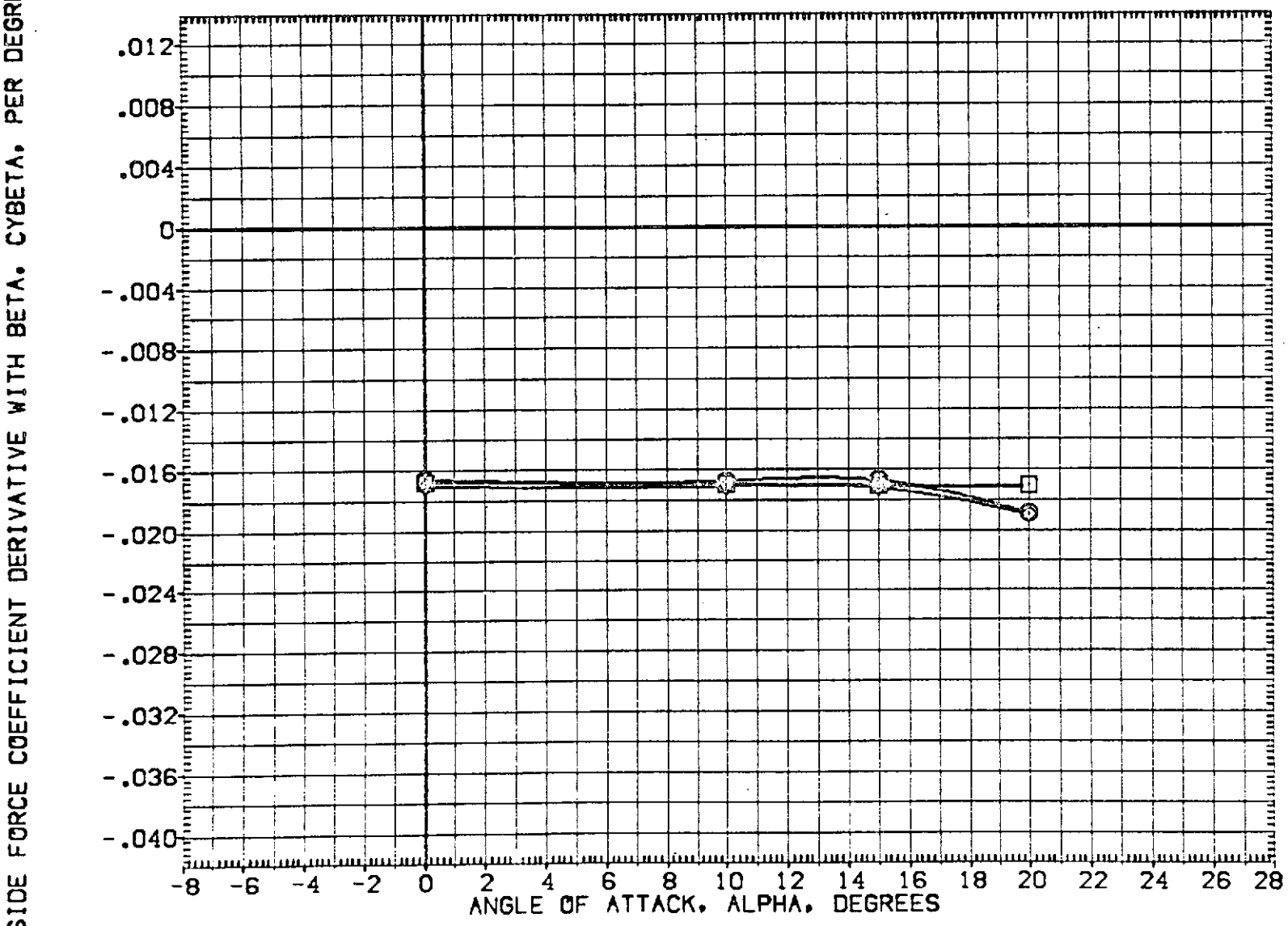


FIG 42 EFFECT OF RUDDER MODIFICATIONS ON LAT-DIR STAB,DERIVATIVES SPDBRK = 25

SYMBOL	RUDMOD		PARAMETRIC VALUES		
○	1.000	MACH	.250	BDFLAP	-12.000
□	2.000	ELEVON	.000	AILRON	.000
◇	3.000	RUDDER	.000	SPDBRK	25.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.0000	INCHES
BREF	935.0000	INCHES
XMRP	1076.7000	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0300	SCALE

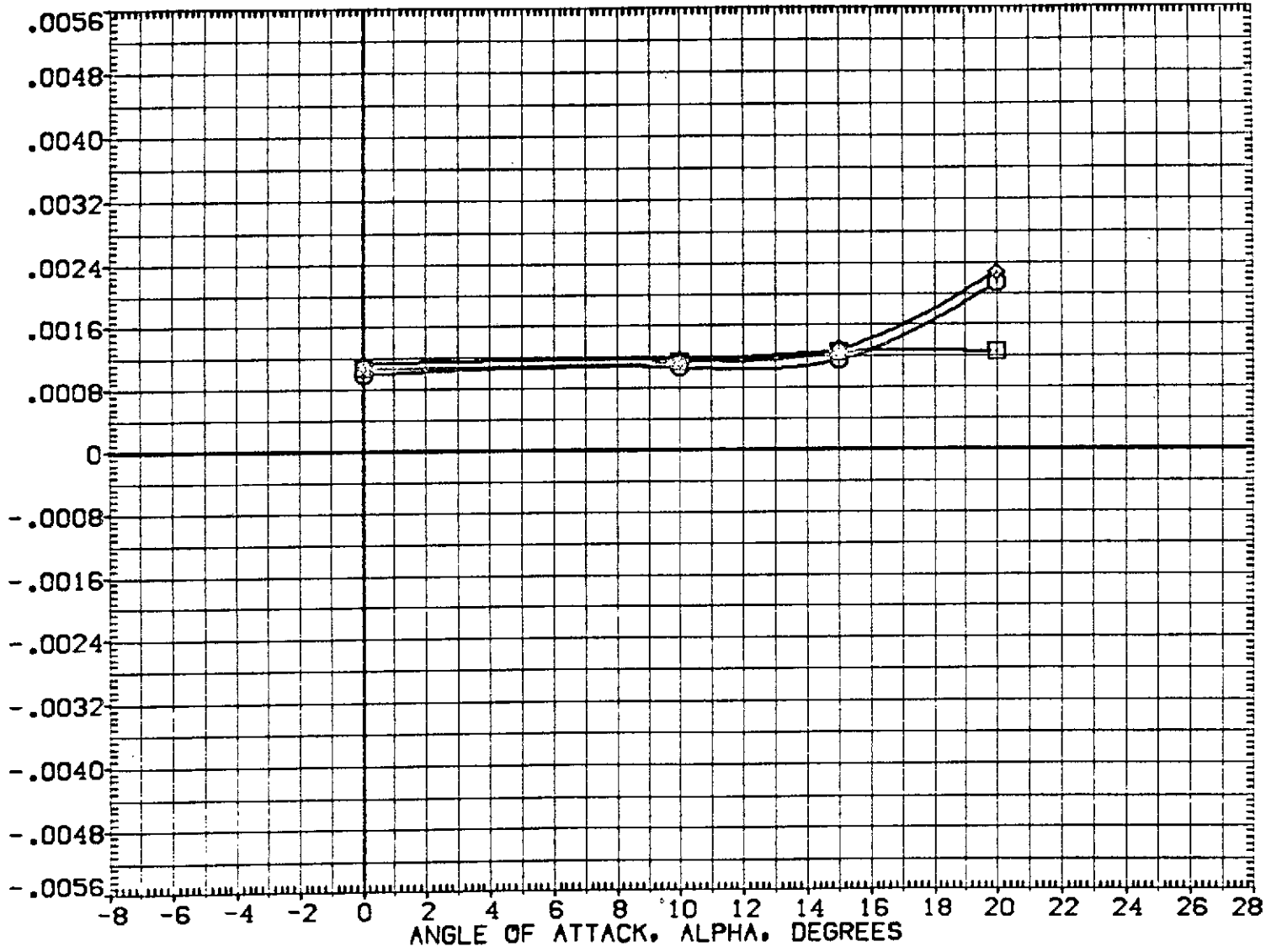


FIG 42 EFFECT OF RUDDER MODIFICATIONS ON LAT-DIR STAB.DERIVATIVES SPDBRK = 25

0A37 B26 C9 F9 M7 W116E37V8 R5 (PF2002)

SYMBOL	RUDMOD	PARAMETRIC VALUES			
○	1.000	MACH	.200	BOFLAP	-12.000
□	2.000	ELEVON	.000	AILRON	.000
◇	3.000	RUDDER	.000	SPDBRK	25.000

REFERENCE INFORMATION

SREF	2090.0000	SQ.FT.
LREF	474.6000	INCHES
BREF	930.6300	INCHES
XMRP	1076.7000	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0300	SCALE

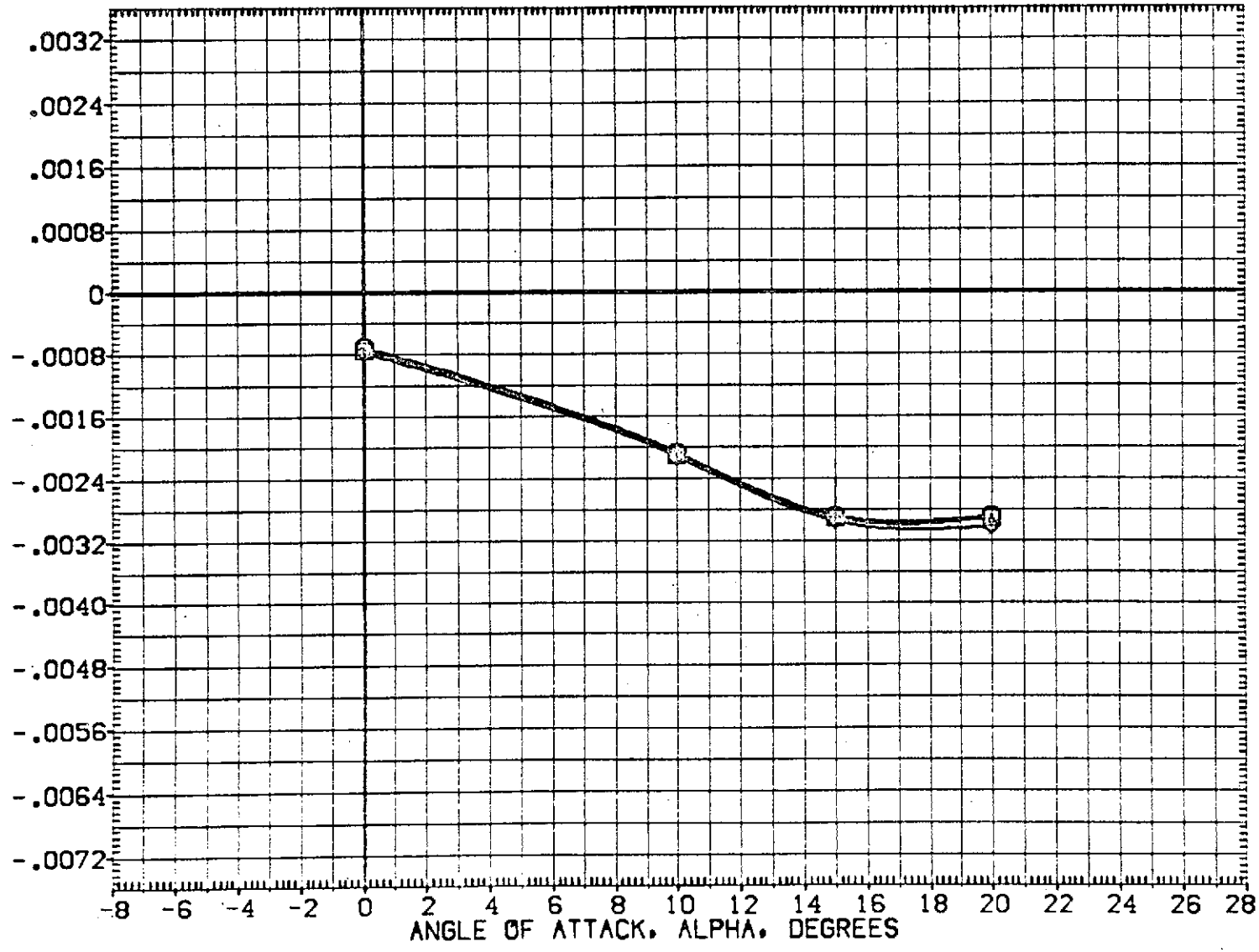


FIG 42 EFFECT OF RUDDER MODIFICATIONS ON LAT-DIR STAB,DERIVATIVES SPDBRK = 25

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ELEVON	BDFLAP	SPDBRK	RUDDER
[DF2035]	▯	0A37 B26 C9 F9 M7V11GE37V8 R5	.000	-12.000	85.000	.000
[DF2034]	▯	0A37 B26 C9 F9 M7 V11GE37V8 R12	.000	-12.000	85.000	.000
[DF2033]	◇	0A37 B26 C9 F9 M7 V11GE37V8 R13	.000	-12.000	85.000	.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.0000	INCHES
BREF	935.0000	INCHES
XMRP	1078.7000	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0300	SCALE

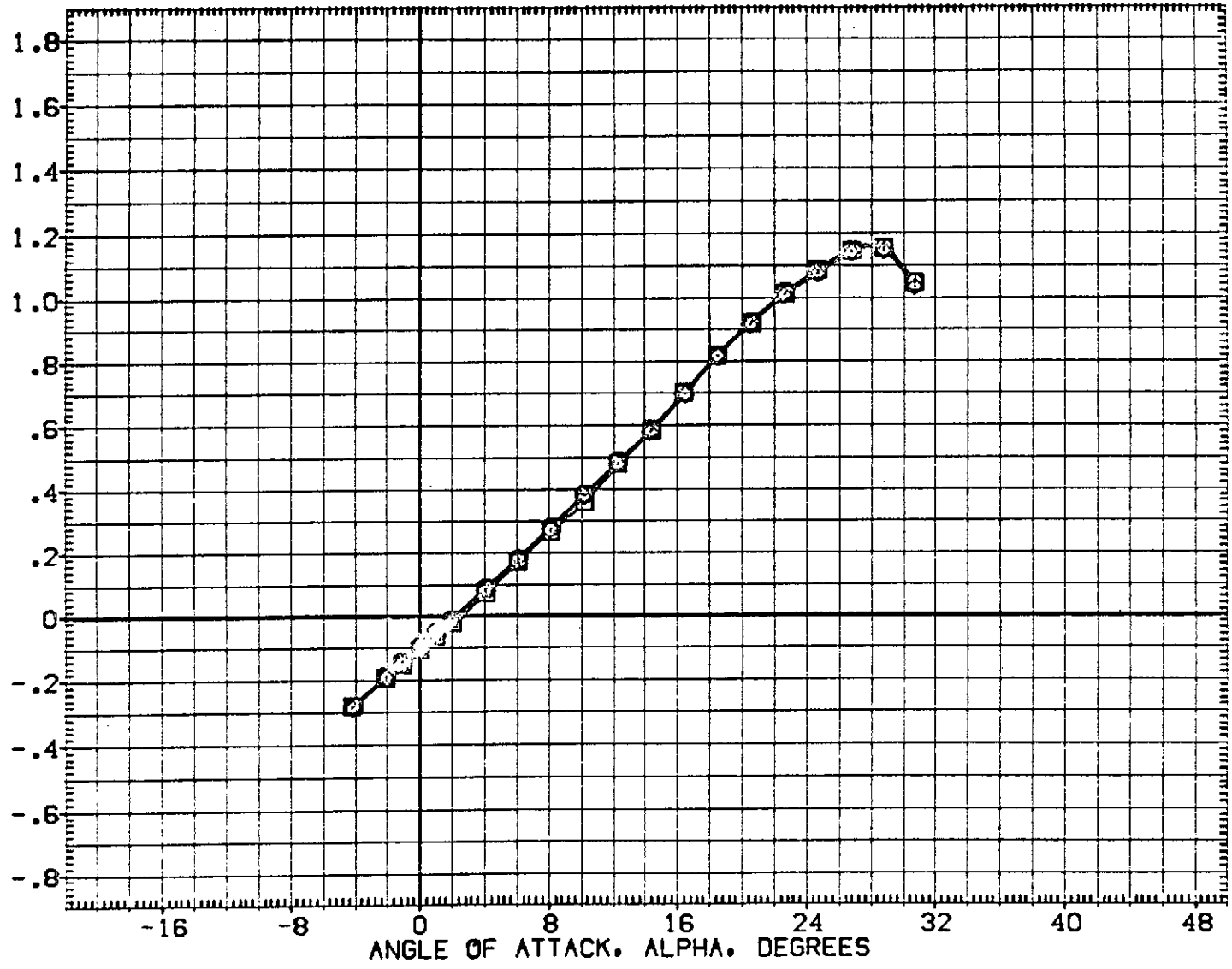


FIG 43 EFFECT OF RUDDER MODIFICATIONS ON LONGITUDINAL STABILITY, SPDBRK = 85

(A)MACH = .26

DATA SET SYMBOL		CONFIGURATION DESCRIPTION	ELEVON	BDFLAP	SPDBRK	RUDDER
(CF2036)	○	0A37 B2G C9 F9 M7V11GE37V8 R5	.000	-12.000	85.000	.000
(CF2024)	□	0A37 B2G C9 F9 M7 V11GE37V8 R12	.000	-12.000	85.000	.000
(CF2039)	◇	0A37 B2G C9 F9 M7 V11GE37V8 R13	.000	-12.000	85.000	.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.0000	INCHES
BREF	935.0000	INCHES
XMRP	1076.7000	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0500	SCALE

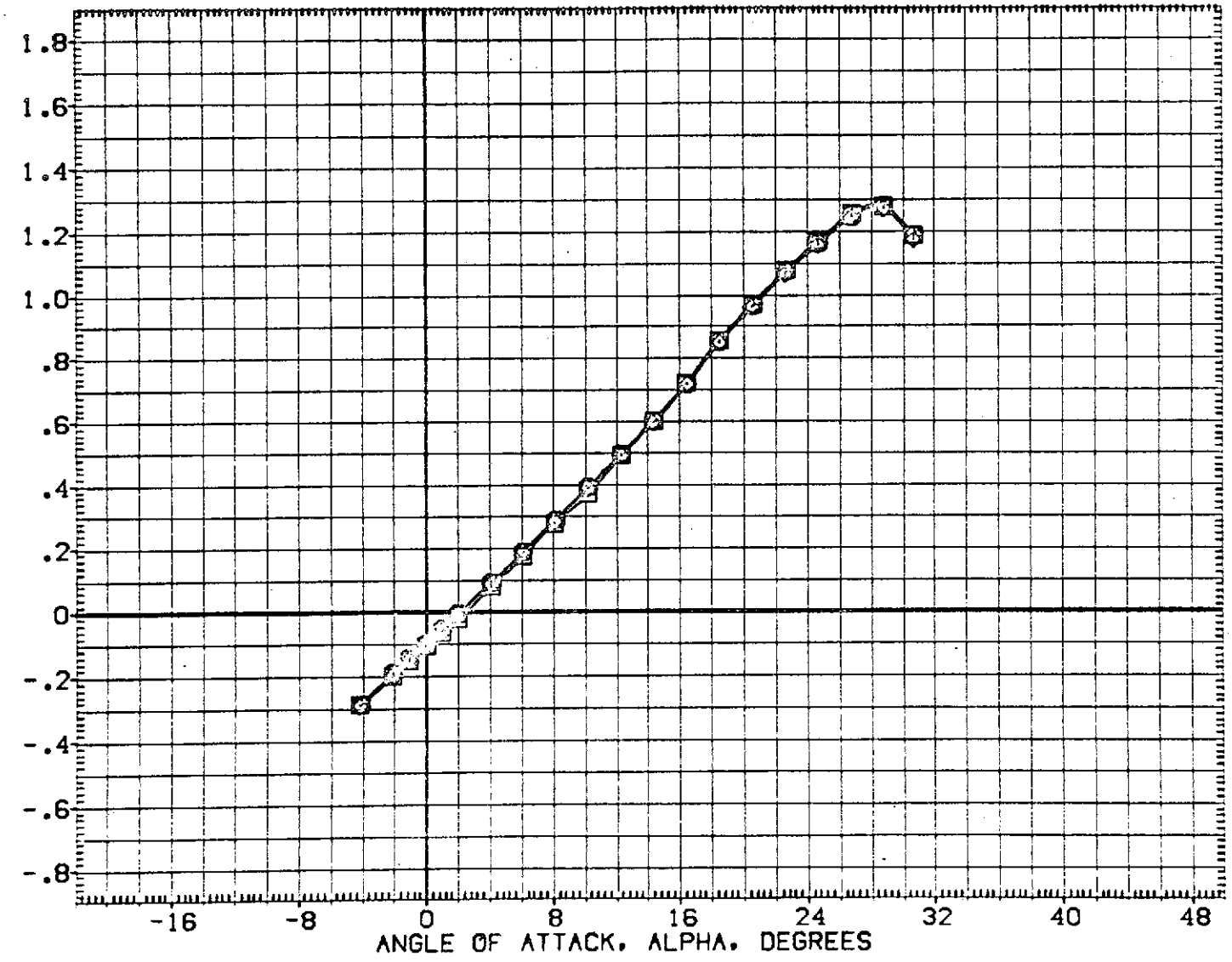


FIG 43 EFFECT OF RUDDER MODIFICATIONS ON LONGITUDINAL STABILITY, SPDBRK = 85

(A)MACH = .26

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ELEVON	BDFLAP	SPDBRK	RUDDER
[CF2025]	○	0A37 B26 C9 F9 M7V116E37VB R5	.000	-12.000	85.000	.000
[CF2024]	□	0A37 B26 C9 F9 M7 V116E37VB R12	.000	-12.000	85.000	.000
[CF2029]	◇	0A37 B26 C9 F9 M7 V116E37VB R13	.000	-12.000	85.000	.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.0000	INCHES
BREF	935.0000	INCHES
XMRP	1076.7000	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0300	SCALE

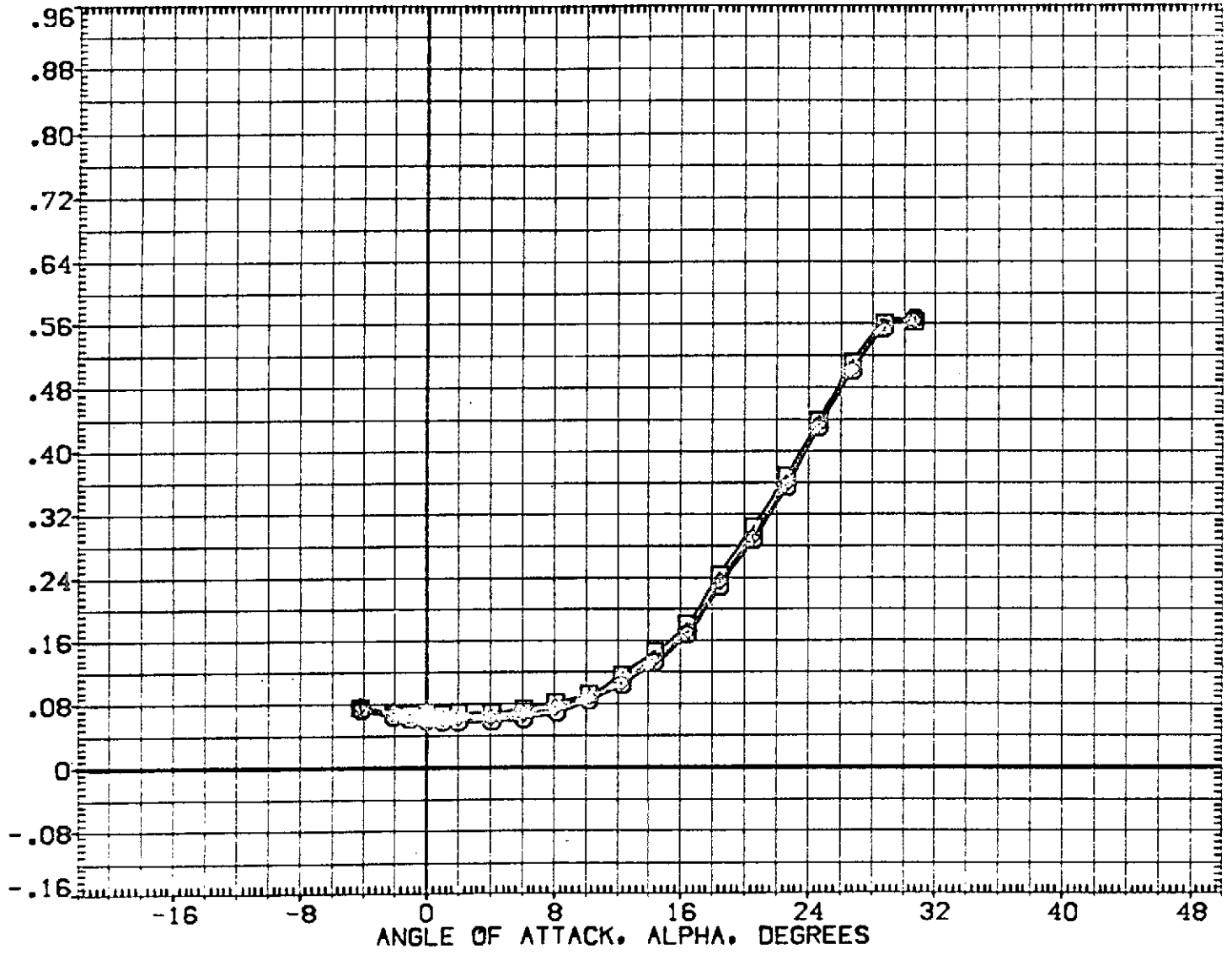


FIG 43 EFFECT OF RUDDER MODIFICATIONS ON LONGITUDINAL STABILITY, SPDBRK = 85

(A)MACH = .26

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ELEVON	BOFLAP	SPOBRK	RUDDER
(CF2036)	○	BA37 B26 C9 F9 M7V11GE37VB R5	.000	-12.000	85.000	.000
(CF2034)	□	BA37 B2G C9 F9 M7 V11GE37VB R12	.000	-12.000	85.000	.000
(CF2059)	◇	BA37 B2G C9 F9 M7 V11GE37VB R13	.000	-12.000	85.000	.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.0300	INCHES
BREF	935.0000	INCHES
XMRP	1076.7000	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0300	SCALE

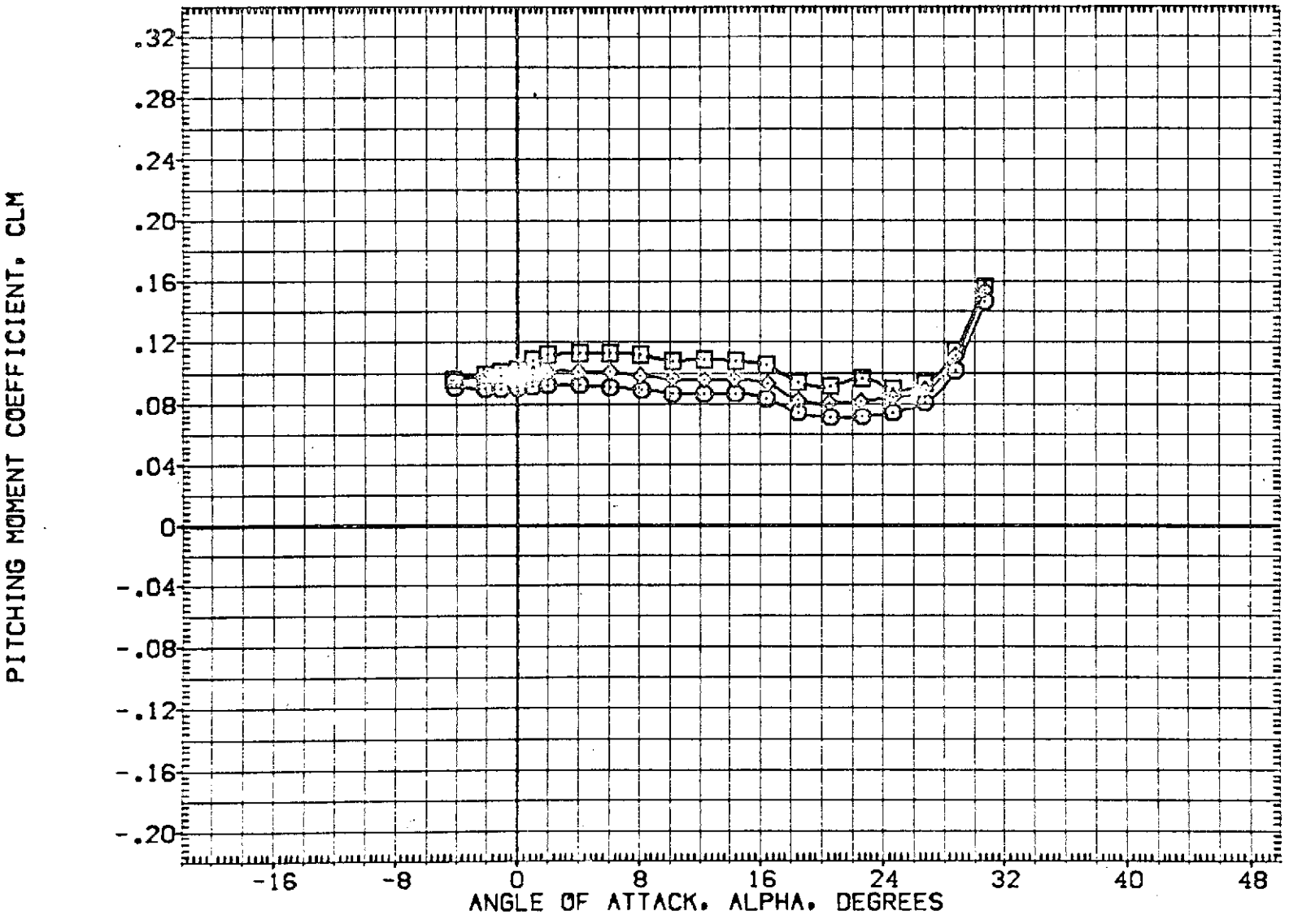
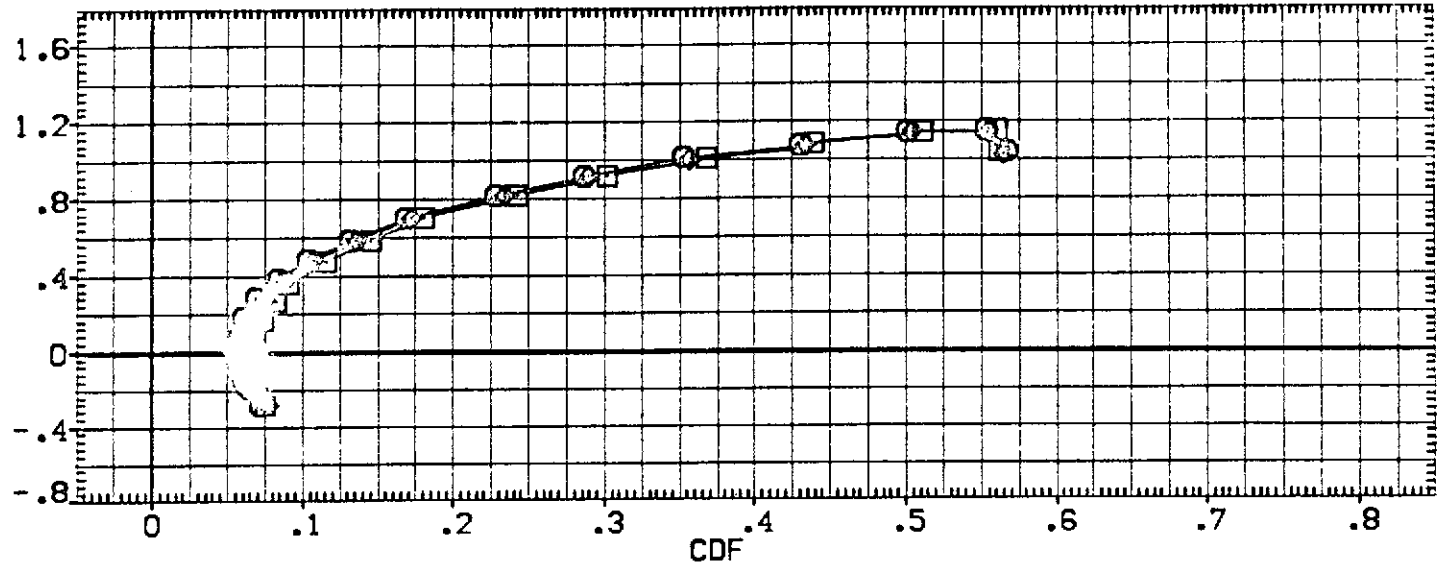


FIG 43 EFFECT OF RUDDER MODIFICATIONS ON LONGITUDINAL STABILITY, SPDBRK = 85

(A)MACH = .26

DATA SET SYMBOL		CONFIGURATION DESCRIPTION	ELEVON	BOFLAP	SPDBRK	RUDDER
[DF2038]	□	0A37 B2G C9 F9 M7V116E37V8 R5	.000	-12.000	85.000	.000
[DF2034]	▷	0A37 B2G C9 F9 M7 V116E37V8 R12	.000	-12.000	85.000	.000
[DF2039]	◇	0A37 B2G C9 F9 M7 V116E37V8 R13	.000	-12.000	85.000	.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.0000	INCHES
BREF	900.0000	INCHES
XMRP	1078.7000	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0300	SCALE



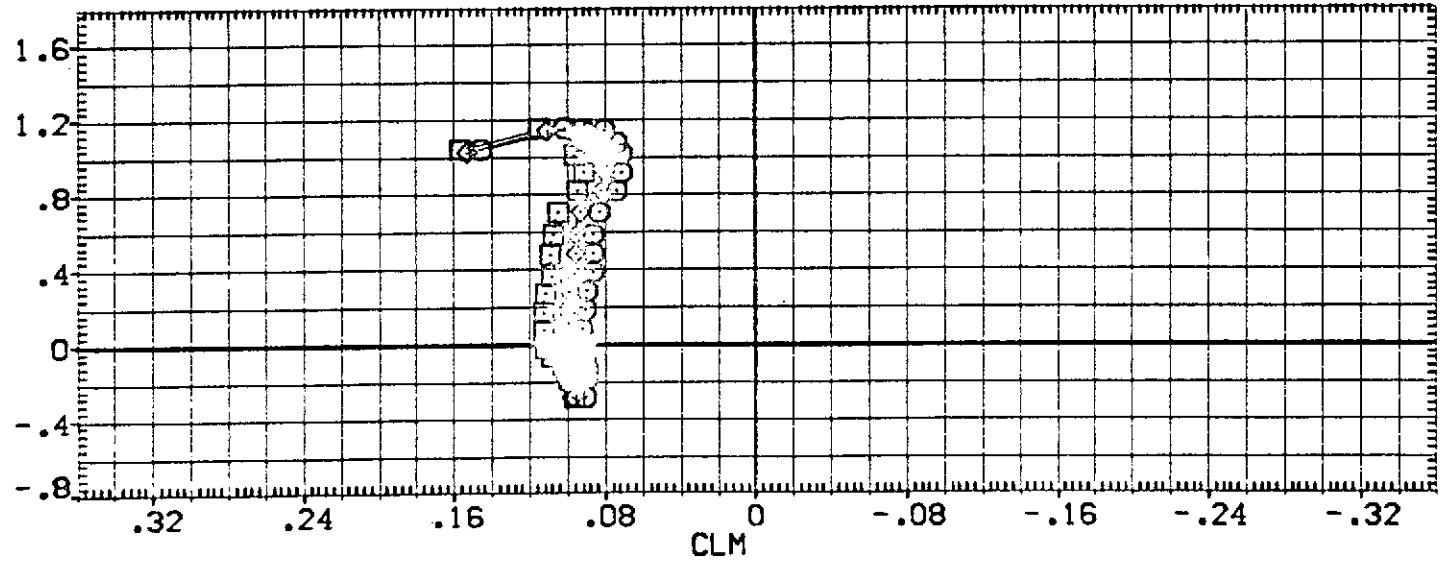


FIG 43 EFFECT OF RUDDER MODIFICATIONS ON LONGITUDINAL STABILITY, SPDBRK = 85

(A)MACH = .26

DATA SET	SYMBOL	CONFIGURATION	DESCRIPTION	ELEVON	BDFLAP	SPDBRK	RUDDER
[CF2036]	○	0A37	B2G C9 F9 M7V116E37V8 R5	.000	-12.000	85.000	.000
[CF2034]	□	0A37	B2G C9 F9 M7 V116E37V8 R12	.000	-12.000	85.000	.000
[CF2039]	◇	0A37	B2G C9 F9 M7 V116E37V8 R13	.000	-12.000	85.000	.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.0300	INCHES
BREF	936.0000	INCHES
XMRP	1076.7000	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0300	SCALE

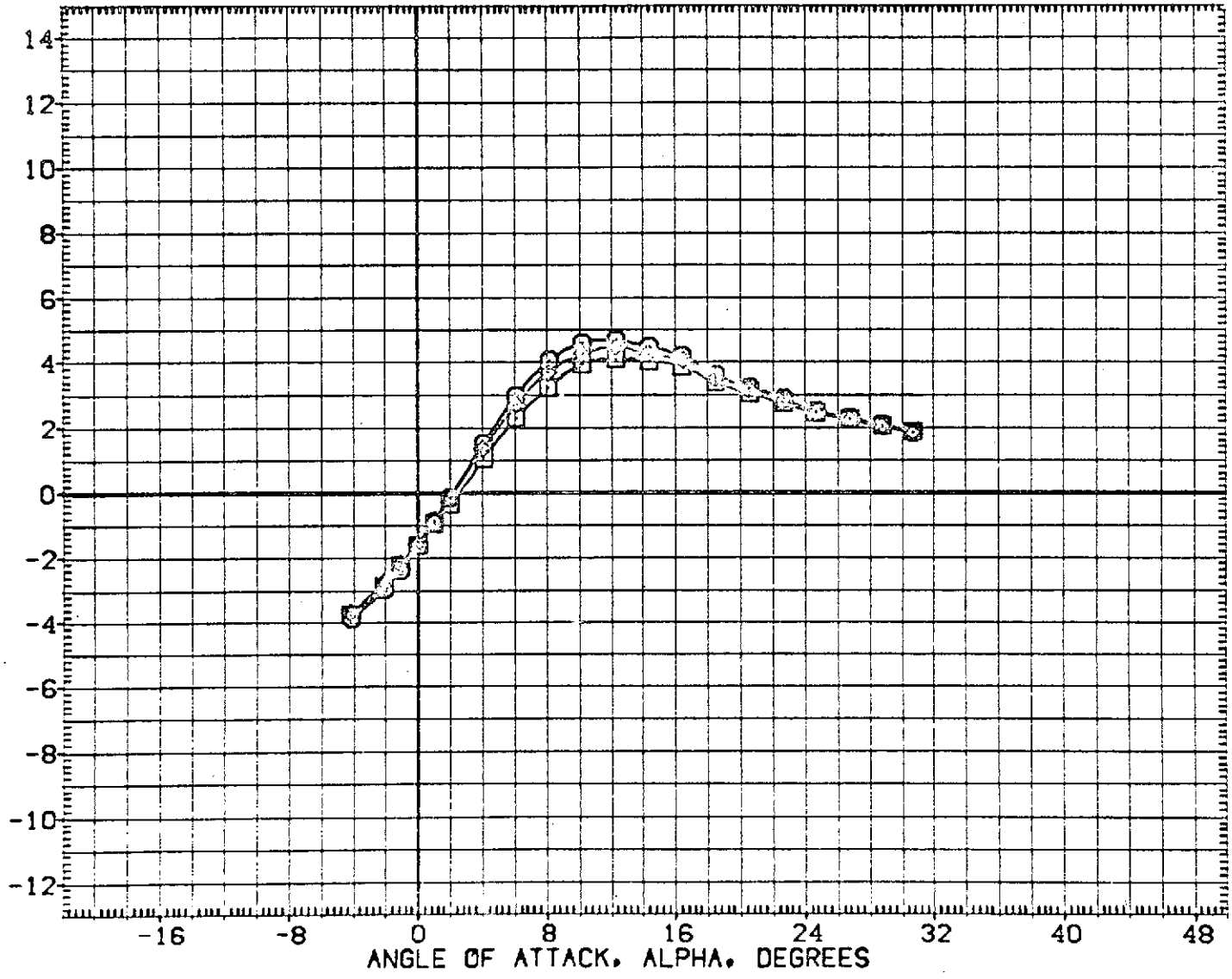


FIG 43 EFFECT OF RUDDER MODIFICATIONS ON LONGITUDINAL STABILITY, SPDBRK = 85

(A)MACH = .26

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ALPHA	SPDBRK	RUDDER	BDFLAP
(RF2037)	○	0A37 B26 C9 F9 M7V116E37V8 R5	.000	85.000	.000	-12.000
(RF2075)	□	0A37 B26 C9 F9 M7 V116E37V8 R12	.000	85.000	.000	-12.000
(RF2100)	◇	0A37 B26 C9 F9 M7 V116E37V8 R13	.000	85.000	.000	-12.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.0000	INCHES
BREF	966.0000	INCHES
XMRP	1076.7000	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0600	SCALE

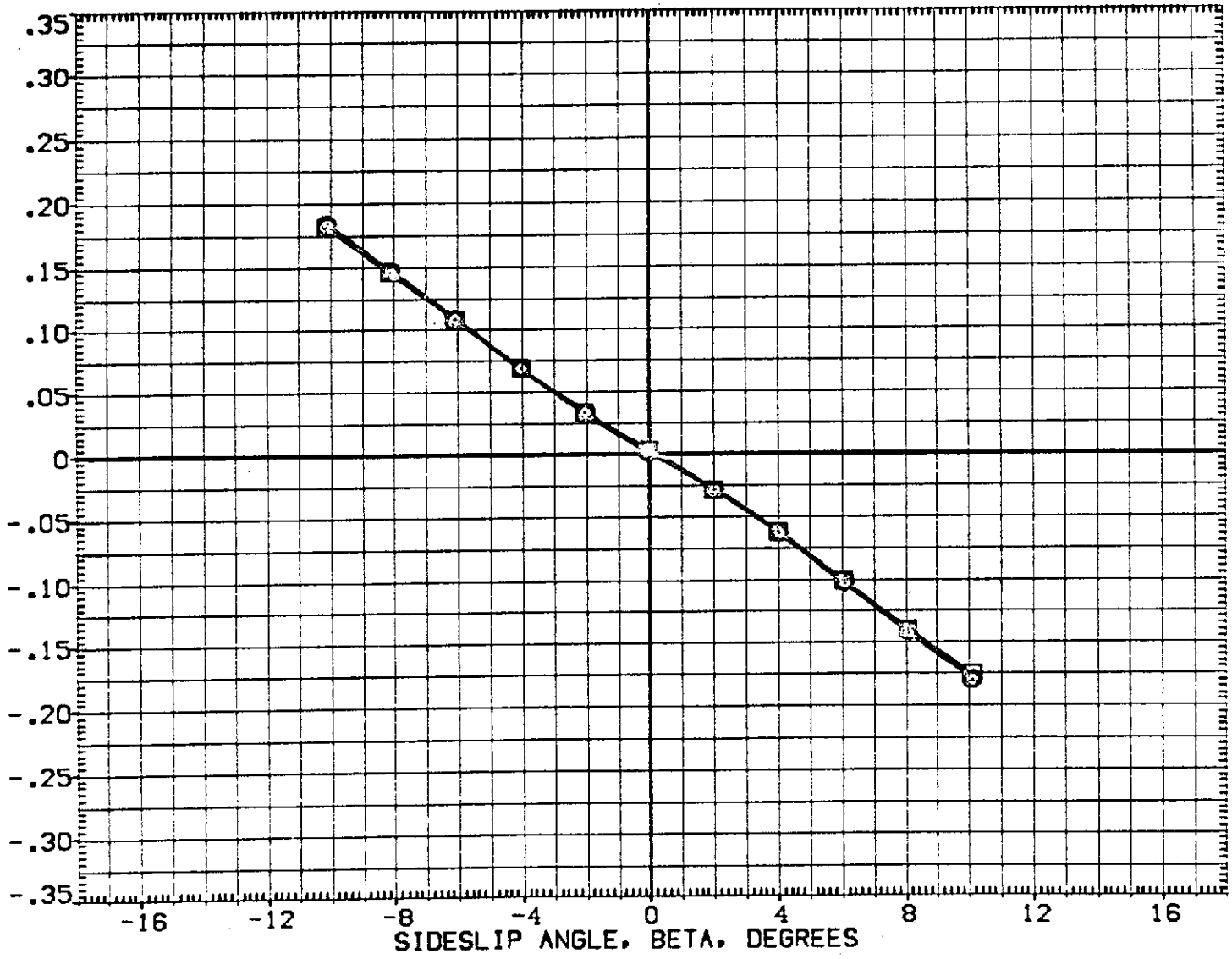


FIG 44 EFFECT OF RUDDER MODIFICATIONS ON LAT-DIR STAB, ALPHA = 0 SPDBRK = 85

(A)MACH = .26

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ALPHA	SPDBRK	RUDDER	BDFLAP
(RF2037)	○	0A37 B26 C9 F9 M7V116E37V8 R5	.000	85.000	.000	-12.000
(RF2085)	□	0A37 B26 C9 F9 M7 V116E37V8 R12	.000	85.000	.000	-12.000
(RF2100)	◇	0A37 B26 C9 F9 M7 V116E37V8 R13	.000	85.000	.000	-12.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.0000	INCHES
BREF	935.6000	INCHES
XMRP	1078.7000	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0300	SCALE

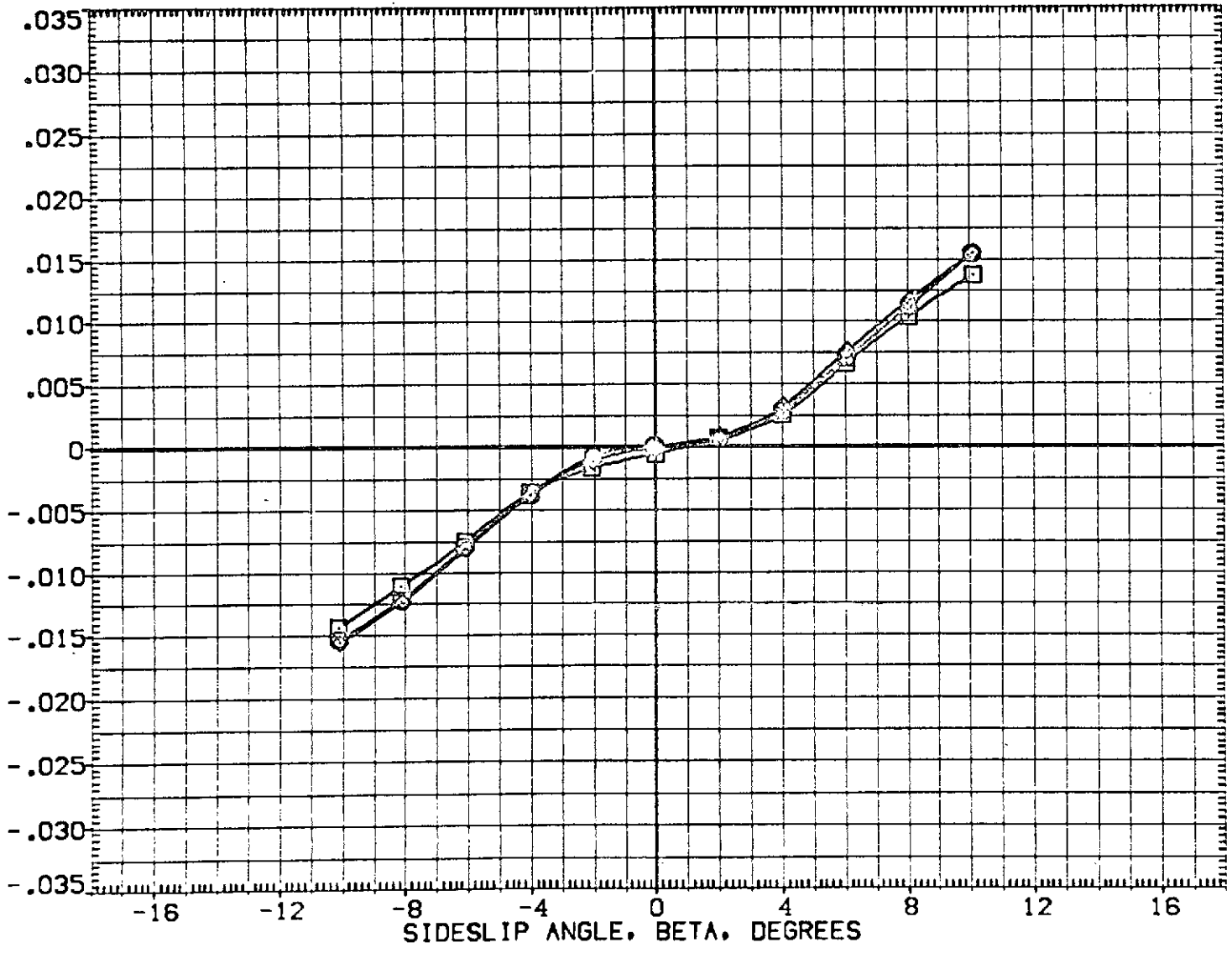


FIG 44 EFFECT OF RUDDER MODIFICATIONS ON LAT-DIR STAB, ALPHA = 0 SPDBRK = 85

(A)MACH = .26

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ALPHA	SPDBRK	RUDDER	BOFLAP
(RF2037)	○	0A37 B26 C9 F9 M7V116E37V8 R5	.000	85.000	.000	-12.000
(RF2045)	□	0A37 B26 C9 F9 M7 V116E37V8 R12	.000	85.000	.000	-12.000
(RF2100)	◇	0A37 B26 C9 F9 M7 V116E37V8 R13	.000	85.000	.000	-12.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.8000	INCHES
BREF	935.0000	INCHES
XMRP	1076.7000	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0300	SCALE

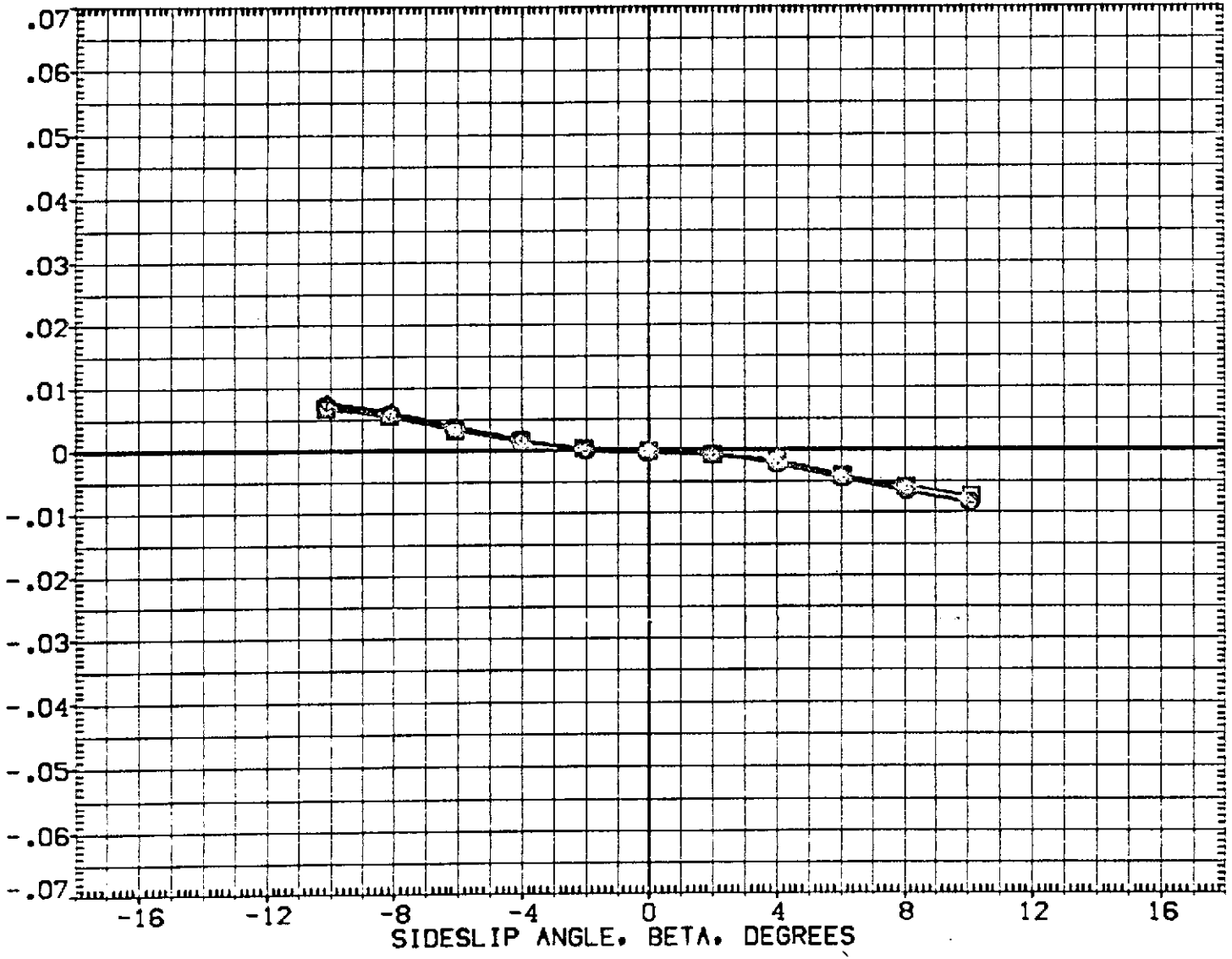


FIG 44 EFFECT OF RUDDER MODIFICATIONS ON LAT-DIR STAB, ALPHA = 0 SPDBRK = 85

(A)MACH = .26

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
[RF2039]	○	0A37 B26 C9 F9 M7V11GE37V8 R5
[RF2035]	□	0A37 B26 C9 F9 M7 V11GE37V8 R12
[RF2101]	◇	0A37 B26 C9 F9 M7 V11GE37V8 R13

ALPHA	SPDBRK	RUDDER	BOFLAP
10.000	85.000	.000	-12.000
10.000	85.000	.000	-12.000
10.000	85.000	.000	-12.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.0000	INCHES
BREF	936.0000	INCHES
XMRP	1076.7000	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0300	SCALE

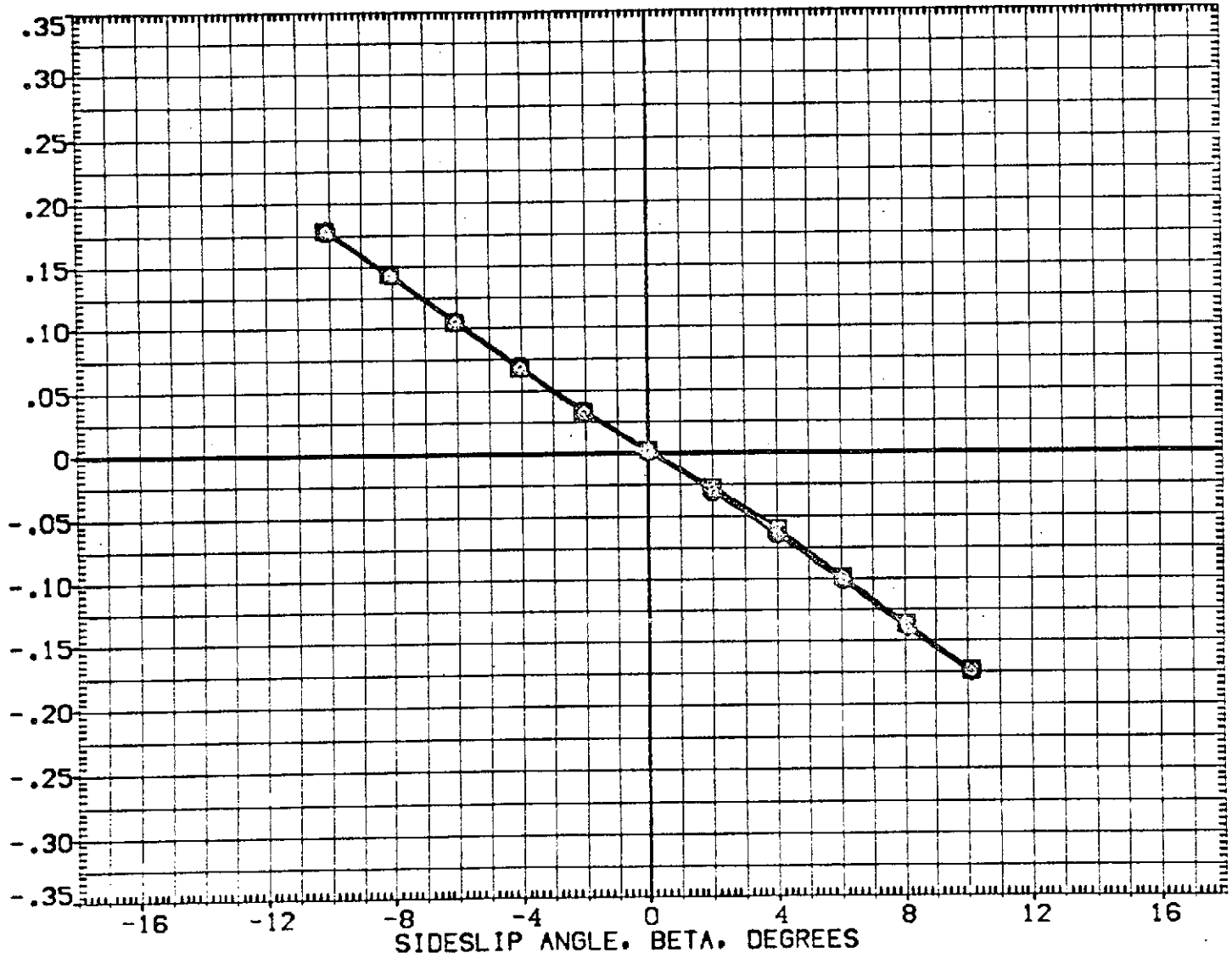


FIG 45 EFFECT OF RUDDER MODIFICATIONS ON LAT-DIR STAB, ALPHA = 10 SPDBRK = 85

(A)MACH = .26

DATA SET SYMBOL		CONFIGURATION DESCRIPTION
(RF2073)	○	0A37 B23 C9 F9 M7V11GE37V8 R5
(RF2066)	□	0A37 B23 C9 F9 M7 V11GE37V8 R12
(RF2101)	◇	0A37 B26 C9 F9 M7 V11GE37V8 R13

ALPHA	SPDBRK	RUDDER	BDFLAP
10.000	85.000	.000	-12.000
10.000	65.000	.000	-12.000
10.000	85.000	.000	-12.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.6000	INCHES
BREF	933.6000	INCHES
XMRP	1076.7000	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0300	SCALE

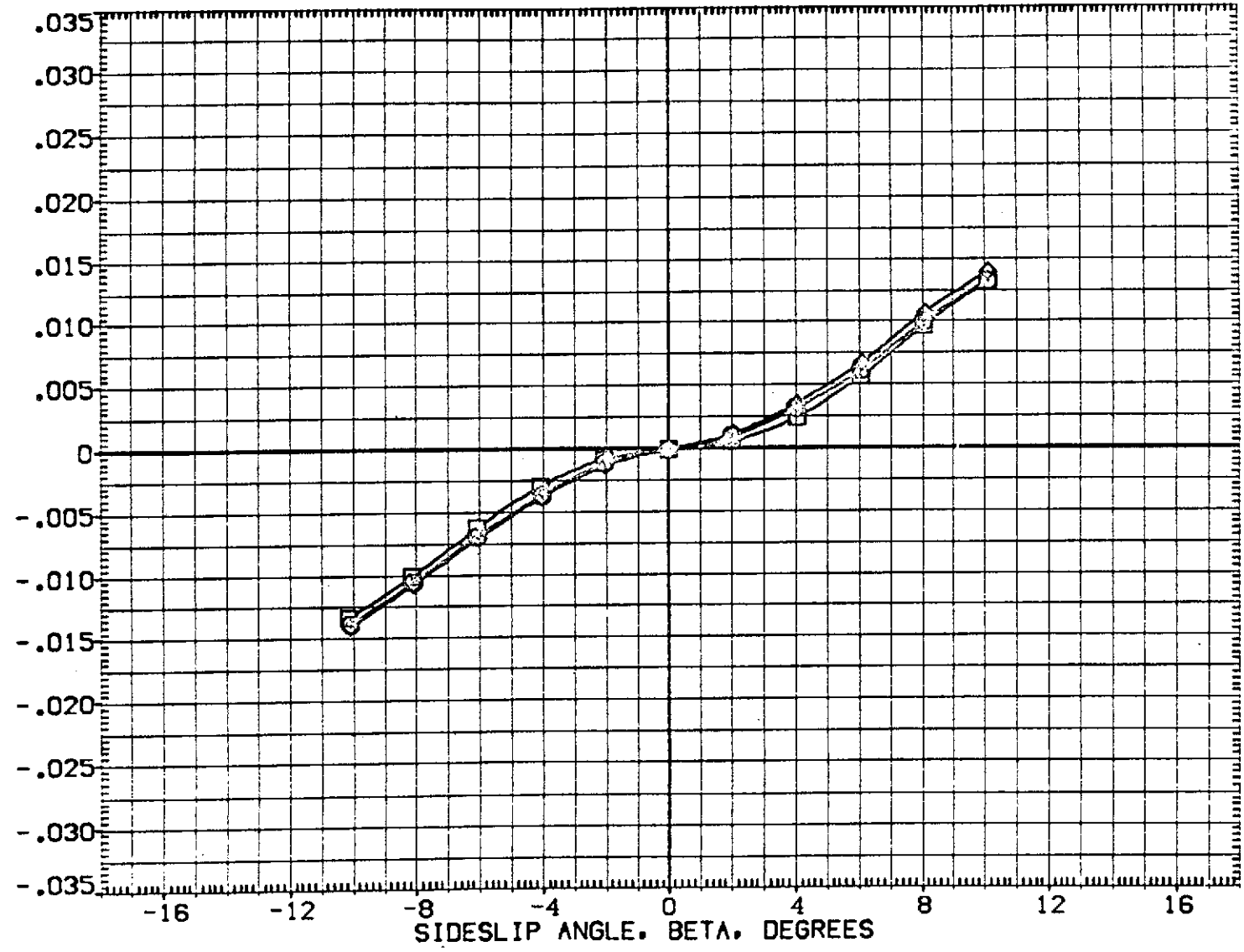


FIG 45 EFFECT OF RUDDER MODIFICATIONS ON LAT-DIR STAB, ALPHA = 10 SPDBRK = 85

(A)MACH = .26

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ALPHA	SPOBRK	RUDDER	BOFLAP
(RF2029)	○	0A37 B26 C9 F9 M7V11GE37V8 R5	10.000	85.000	.000	-12.000
(RF2026)	□	0A37 B26 C9 F9 M7 V11GE37V8 R12	10.000	85.000	.000	-12.000
(RF2101)	◇	0A37 B26 C9 F9 M7 V11GE37V8 R13	10.000	85.000	.000	-12.000

REFERENCE INFORMATION		
SREF	2090.0000	SQ.FT.
LREF	474.0000	INCHES
BREF	933.0000	INCHES
XMRP	1076.7000	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0300	SCALE

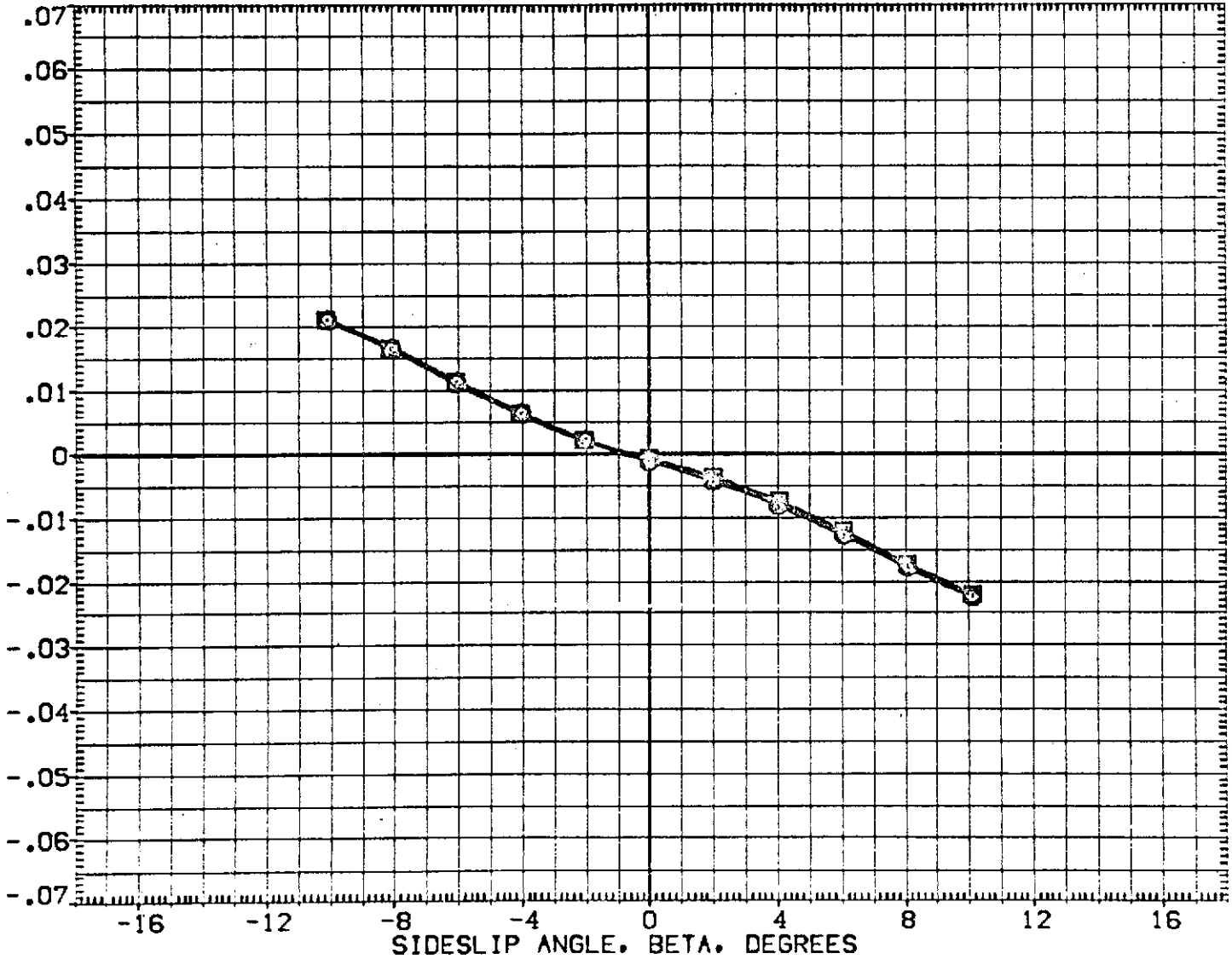


FIG 45 EFFECT OF RUDDER MODIFICATIONS ON LAT-DIR STAB, ALPHA = 10 SPDBRK = 85

(A)MACH = .26

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ALPHA	SPDBRK	RUDDER	BDFLAP
(RF2039)	○	0A37 B26 C9 F9 M7V116E37V8 R5	15.000	85.000	.000	-12.000
(RF2037)	□	0A37 B26 C9 F9 M7 V116E37V8 R12	15.000	85.000	.000	-12.000
(RF2102)	◇	0A37 B26 C9 F9 M7 V116E37V8 R13	15.000	85.000	.000	-12.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.0000	INCHES
BREF	939.0000	INCHES
XMRP	1076.7000	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0300	SCALE

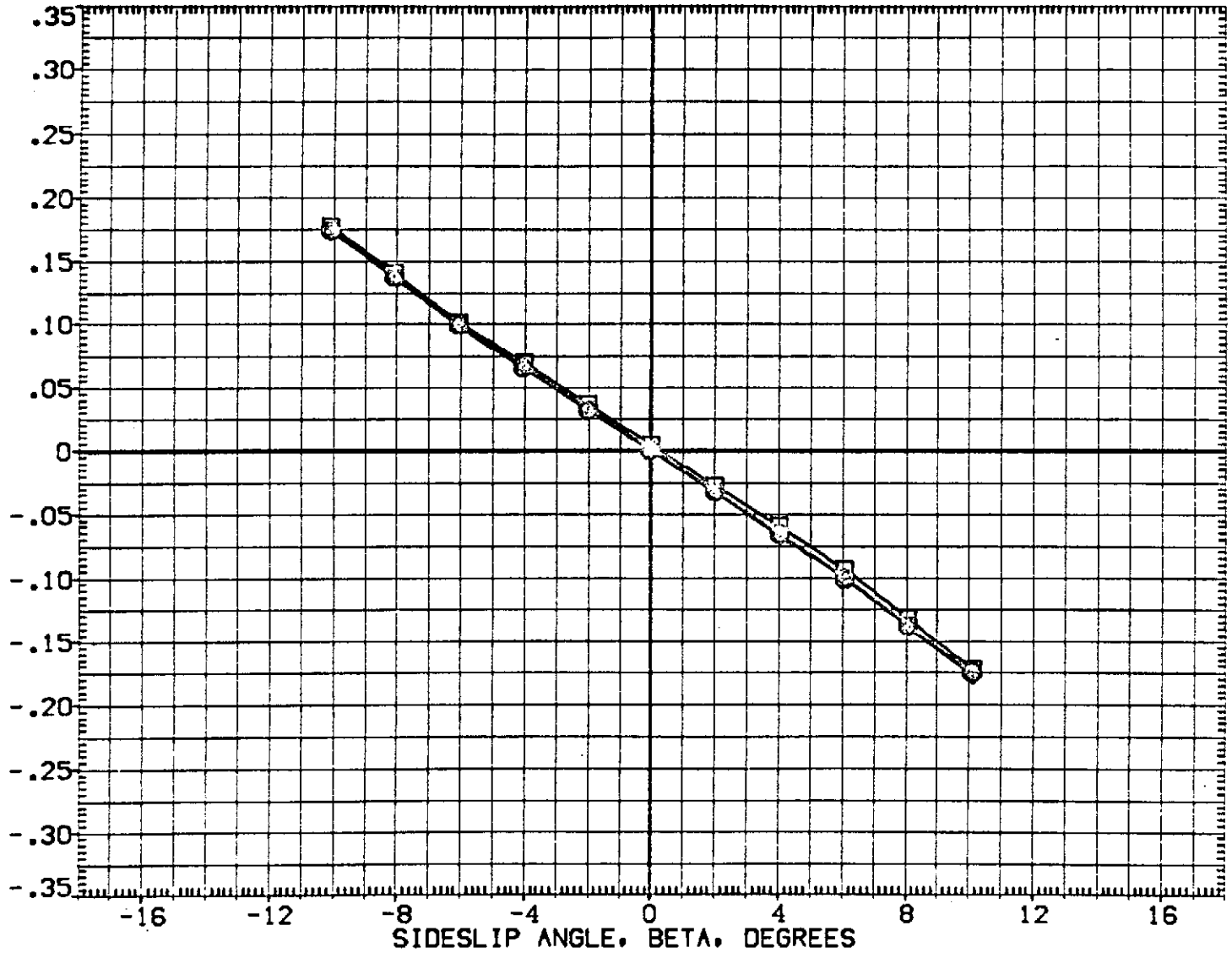


FIG 46 EFFECT OF RUDDER MODIFICATIONS ON LAT-DIR STAB, ALPHA = 15 SPDBRK = 85

(A)MACH = .26

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ALPHA	SPDBRK	RUDDER	BOFLAP
(RF2039)	○	0A37 B2S C9 F9 M7V11GE37V8 R5	15.000	85.000	.000	-12.000
(RF2037)	□	0A37 B2S C9 F9 M7 V11GE37V8 R12	15.000	85.000	.000	-12.000
(RF2102)	◇	0A37 B2S C9 F9 M7 V11GE37V8 R13	15.000	85.000	.000	-12.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.8000	INCHES
BREF	936.6000	INCHES
XMRP	1076.7000	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0300	SCALE

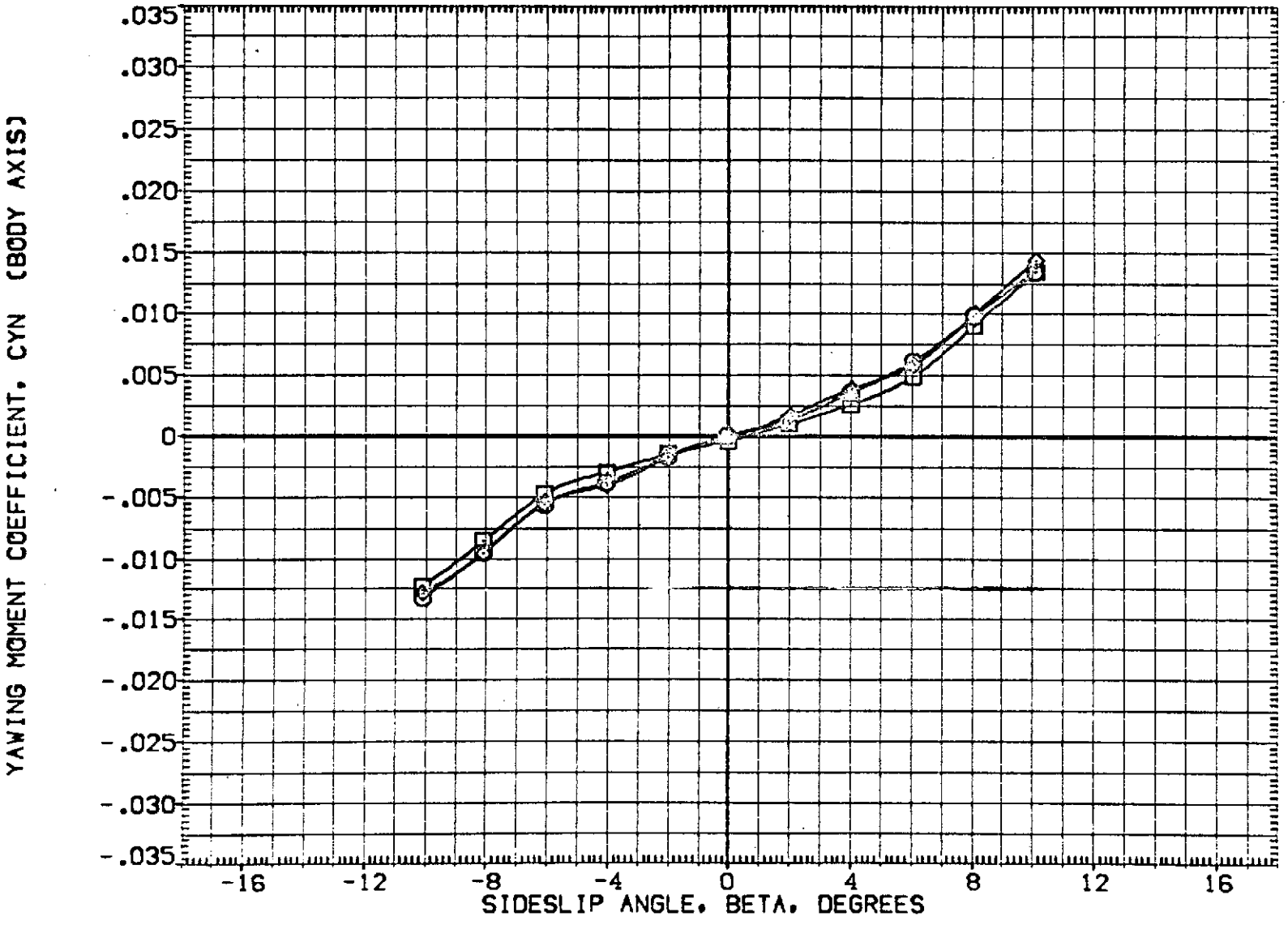


FIG 46 EFFECT OF RUDDER MODIFICATIONS ON LAT-DIR STAB, ALPHA = 15 SPDBRK = 85

(A)MACH = .26

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ALPHA	SPDBRK	RUDDER	BDFLAP
(RF2039)	○	0A37 B26 C9 F9 M7V11EE37V8 R5	15.000	85.000	.000	-12.000
(RF2097)	□	0A37 B25 C9 F9 M7 V11EE37V8 R12	15.000	85.000	.000	-12.000
(RF2102)	◇	0A37 B26 C9 F9 M7 V11EE37V8 R13	15.000	85.000	.000	-12.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.6000	INCHES
BREF	935.0000	INCHES
XMRP	1076.7000	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0300	SCALE

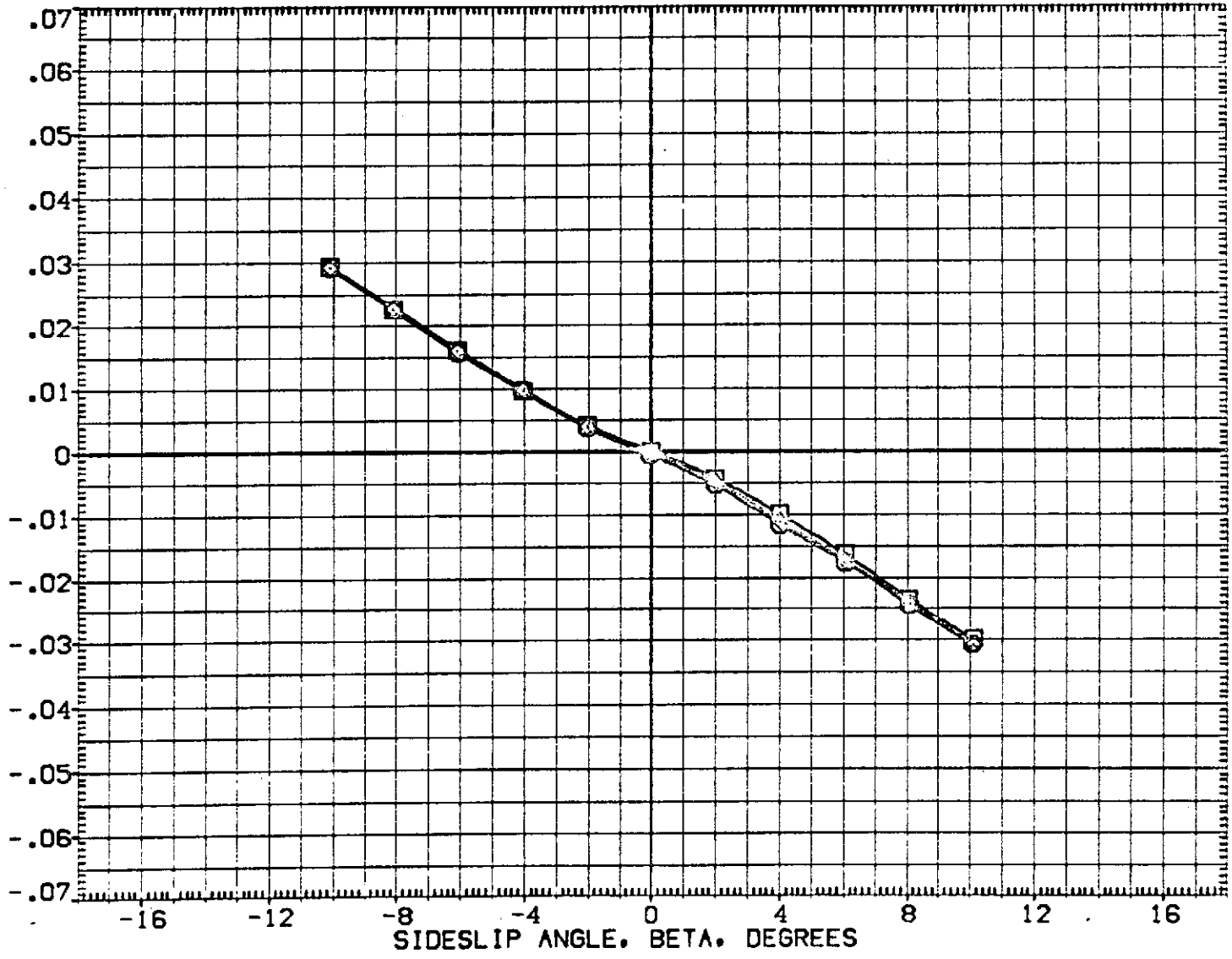


FIG 46 EFFECT OF RUDDER MODIFICATIONS ON LAT-DIR STAB, ALPHA = 15 SPDBRK = 85

(A)MACH = .26

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(RF2040)	○	0A37 B2G C9 F9 M7 V11GE37V8 R5
(RF2003)	□	0A37 B2G C9 F9 M7 V11GE37V8 R12
(RF2103)	◇	0A37 B26 C9 F9 M7 V11GE37V8 R13

ALPHA	SPDBRK	RUDDER	BDFLAP
20.000	85.000	.000	-12.000
20.000	85.000	.000	-12.000
20.000	85.000	.000	-12.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.8000	INCHES
BREF	933.0000	INCHES
XMRP	1076.7000	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0300	SCALE

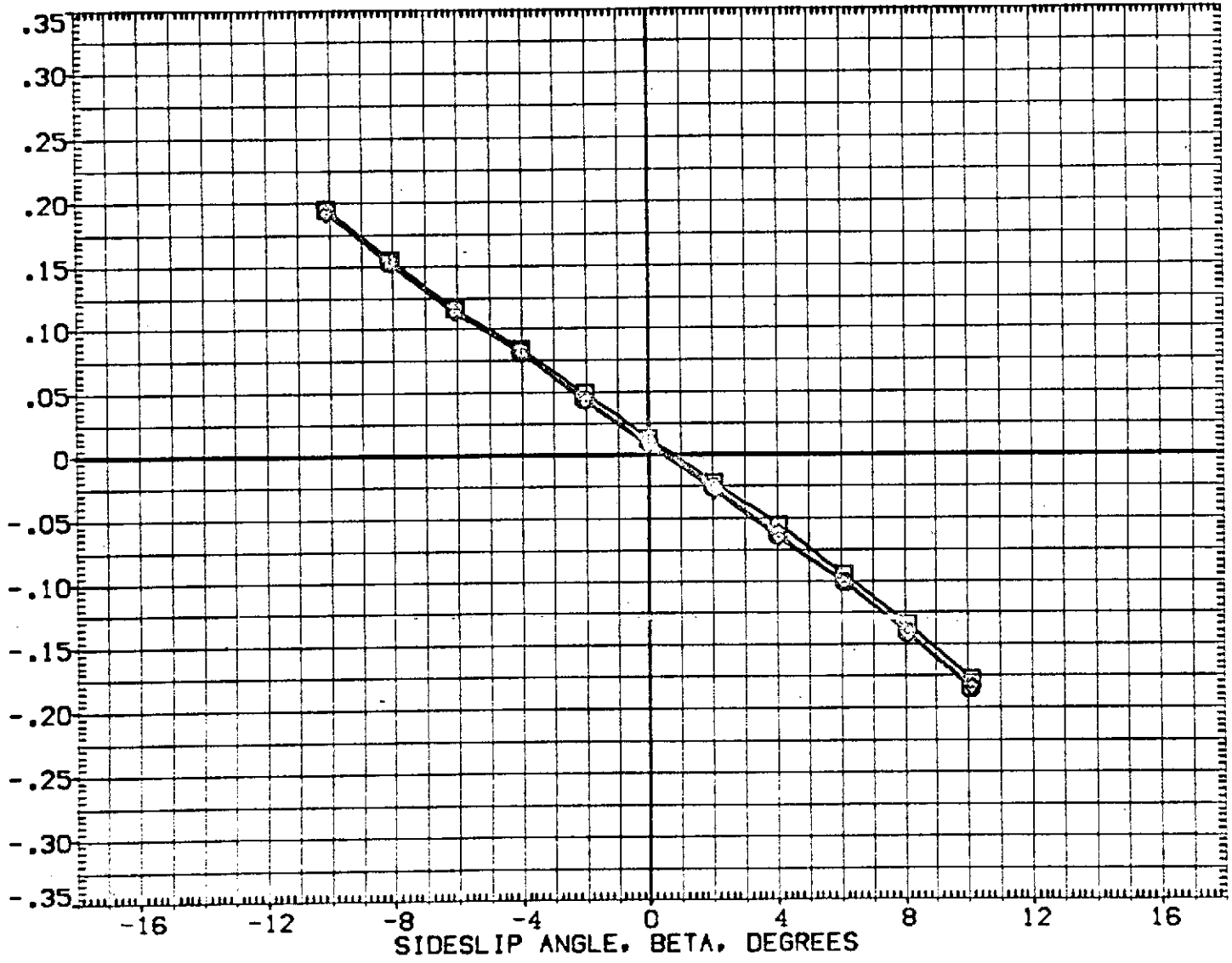


FIG 47 EFFECT OF RUDDER MODIFICATIONS ON LAT-DIR STAB, ALPHA = 20 SPDBRK = 85

(A)MACH = .26

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(RF2040)	○	0A37 B26 C9 F9 M7V116E37V8 R5
(RF2029)	□	0A37 B26 C9 F9 M7 V116E37V8 R12
(RF2100)	◇	0A37 B26 C9 F9 M7 V116E37V8 R13

ALPHA	SPDBRK	RUDDER	BDFLAP
20.000	85.000	.000	-12.000
20.000	85.000	.000	-12.000
20.000	85.000	.000	-12.000

REFERENCE INFORMATION		
SREF	2090.0000	SQ.FT.
LREF	474.0000	INCHES
BREF	905.0000	INCHES
XMRP	1076.7000	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0300	SCALE

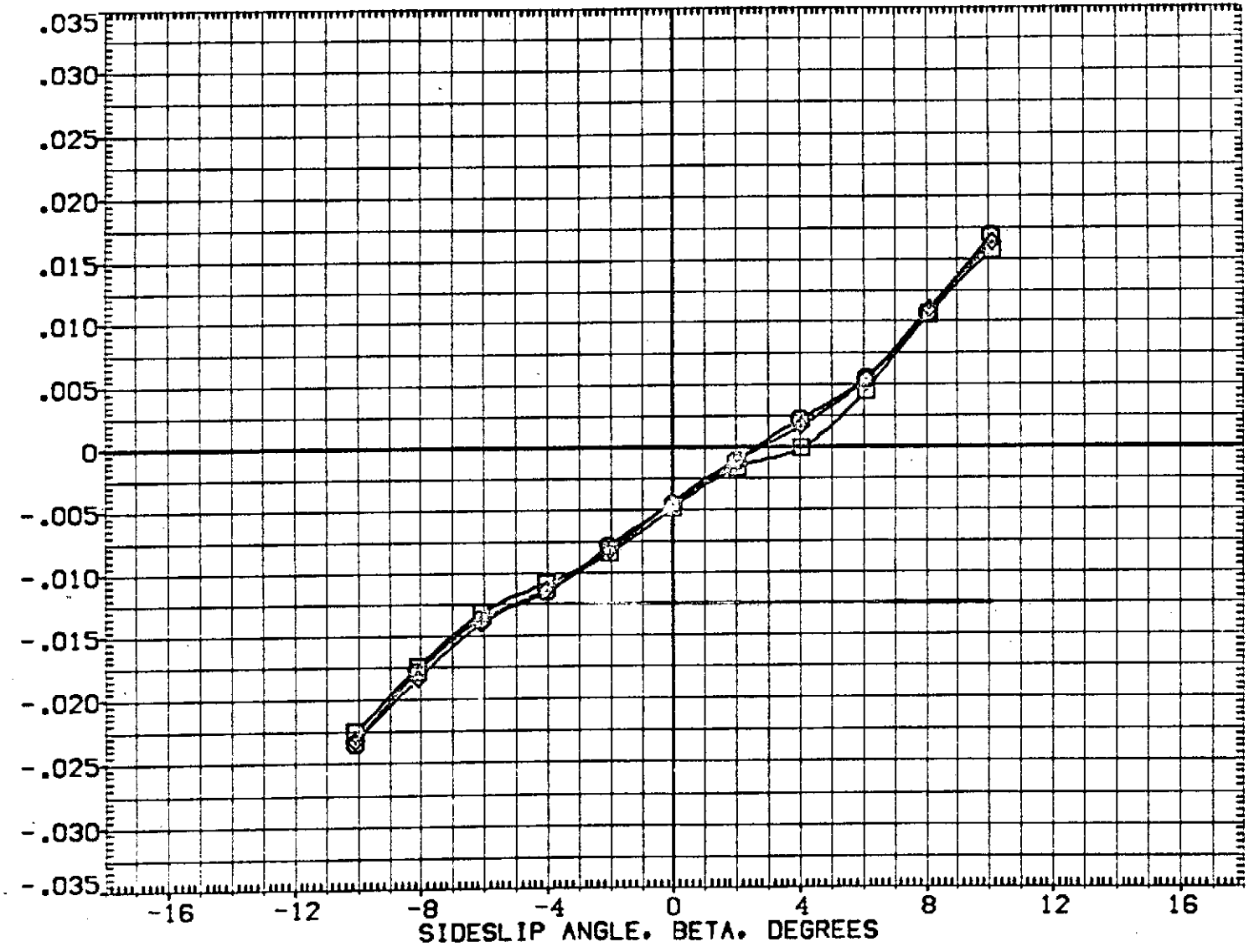


FIG 47 EFFECT OF RUDDER MODIFICATIONS ON LAT-DIR STAB, ALPHA = 20 SPDBRK = 85

(A)MACH = .26

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(RF2040)	○	0A37 B2G C9 F9 M7V11EE37V8 R5
(RF2083)	□	0A37 B2G C9 F9 M7 V11CE37V8 R12
(RF2103)	◇	0A37 B2B C9 F9 M7 V11GE37V8 R13

ALPHA	SPDBRK	RUDDER	BDFLAP
20.000	85.000	.000	-12.000
20.000	85.000	.000	-12.000
20.000	85.000	.000	-12.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.0000	INCHES
BREF	935.0000	INCHES
XMRP	1076.7000	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0300	SCALE

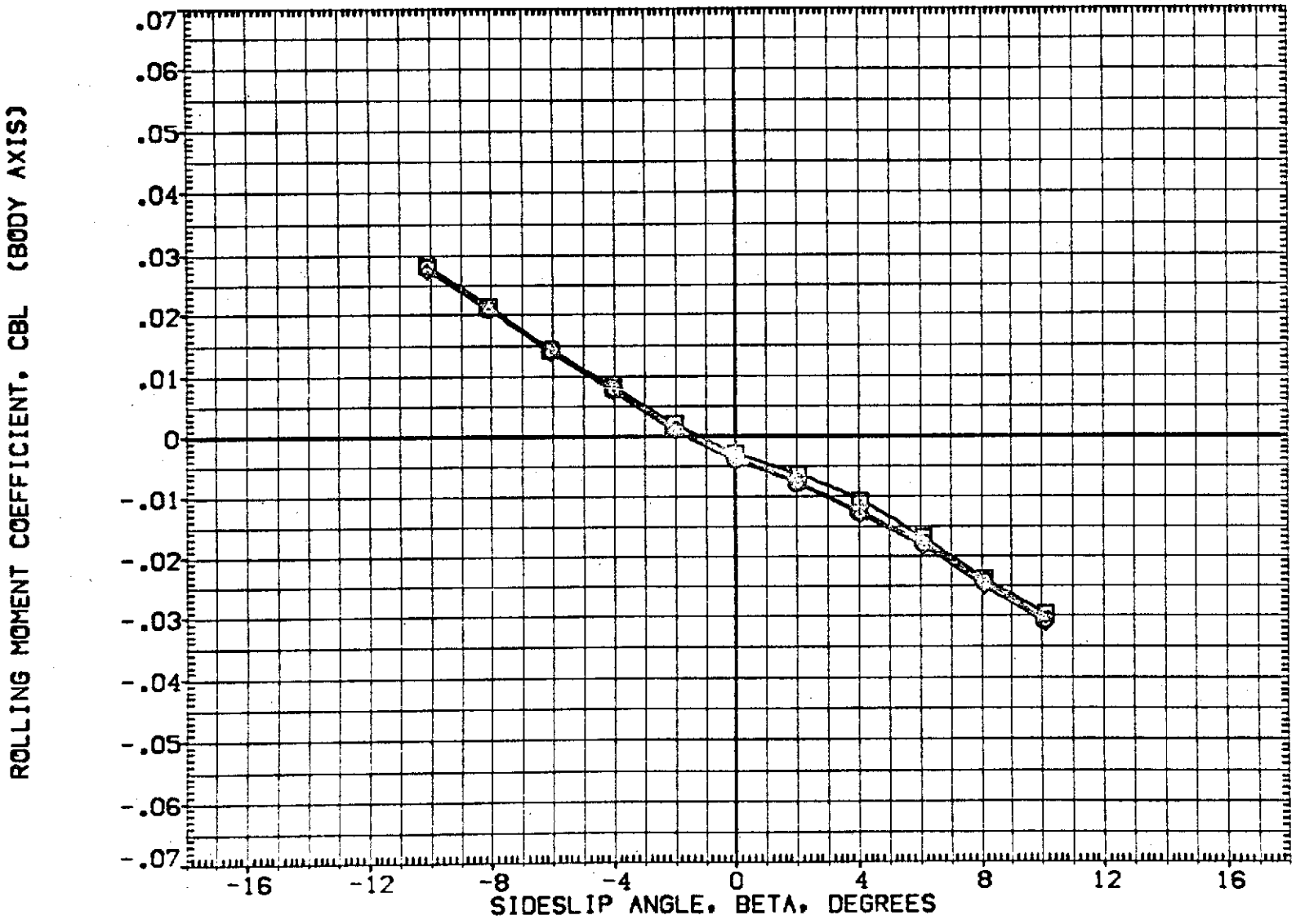


FIG 47 EFFECT OF RUDDER MODIFICATIONS ON LAT-DIR STAB, ALPHA = 20 SPDBRK = 85

(A)MACH = .26

0A37 B26 C9 F9 M7W116E37V8 R5 (PF2037)

SYMBOL	RUDMOD		PARAMETRIC VALUES		
○	1.000	MACH	.260	BDFLAP	-12.000
□	2.000	ELEVON	.000	AILRON	.000
◇	3.000	RUDDER	.000	SPDBRK	85.000

REFERENCE INFORMATION		
SREF	2090.0000	SQ.FT.
LREF	474.8000	INCHES
BREF	933.0000	INCHES
XMRP	1078.7000	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0300	SCALE

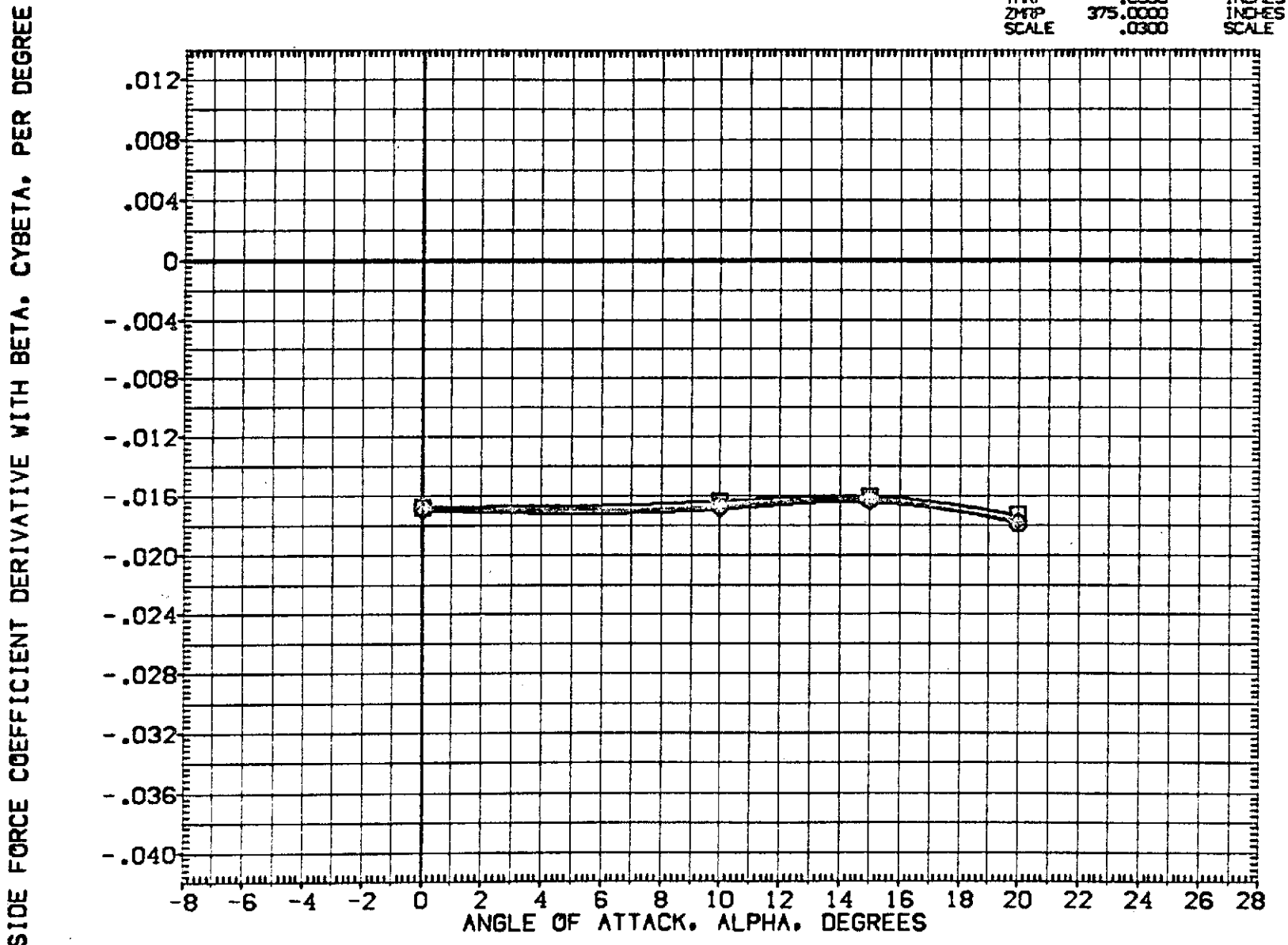


FIG 48 EFFECT OF RUDDER MODIFICATIONS ON LAT-DIR STAB,DERIVATIVES SPDBRK = 85

0A37 B26 C9 F9 M7W116E37V8 R5 (PF2037)

SYMBOL	RUDMOD		PARAMETRIC VALUES		
○	1.000	MACH	.260	BDFLAP	-12.000
□	2.000	ELEVON	.000	AILRON	.000
◇	3.000	RUDDER	.000	SPDBRK	85.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.0000	INCHES
BREF	936.0000	INCHES
XMRP	1076.7000	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0300	SCALE

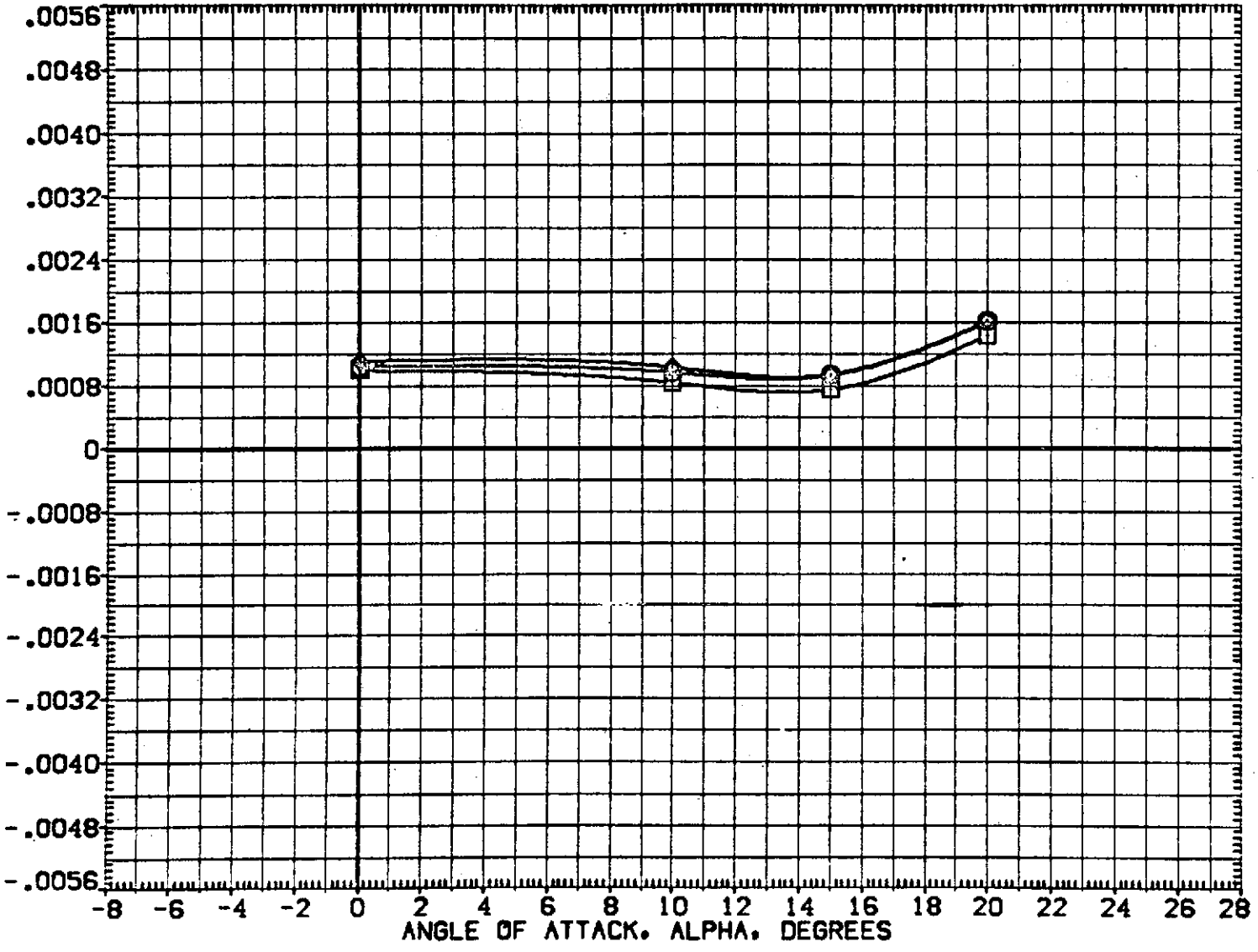


FIG 48 EFFECT OF RUDDER MODIFICATIONS ON LAT-DIR STAB.DERIVATIVES SPDBRK = 85

0A37 B26 C9 F9 M7W116E37V8 R5 (PF2037)

SYMBOL	RUDMOD		PARAMETRIC VALUES		
○	1.000	MACH	.260	BDFLAP	-12.000
□	2.000	ELEVON	.000	AILRON	.000
◇	3.000	RUDDER	.000	SPDBRK	85.000

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
LREF	474.6000	INCHES
BREF	936.8000	INCHES
XMRP	1076.7000	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0300	SCALE

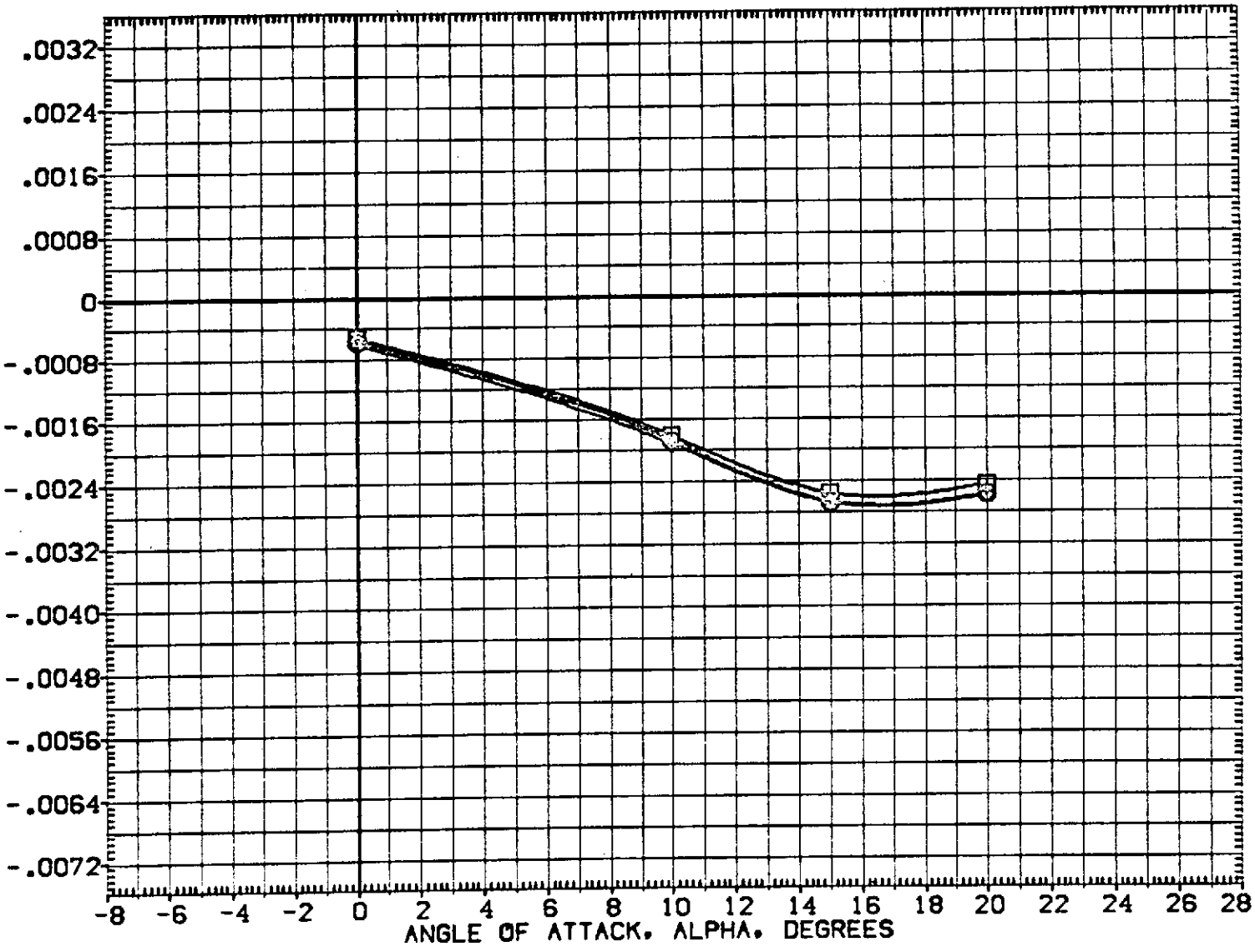


FIG 48 EFFECT OF RUDDER MODIFICATIONS ON LAT-DIR STAB.DERIVATIVES SPDBRK = 85

APPENDIX
TABULATED SOURCE DATA

Tabulations of plotted data are available on request from Data Management Services.

OA37 B26 C9 F9 H7 W116 E37 V8 R5 (AF2001) (01 JUL 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 INCHES
LREF = 474.8000 INCHES YMRP = .0000 INCHES
BREF = 936.8000 INCHES ZMRP = 375.0000 INCHES
SCALE = .0300

PARAMETRIC DATA

BETA = .000 BDFLAP = -11.700
ELEVON = .000 AILRON = .000
RUDDER = .000 SPDBRK = 25.000

RUN NO. 1/ 0 RN/L = 1.85 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CNV	CAFV	CLMV	CYV	CYNV	CBLV	CABV	CAUV	XCPV	ZCPV
.260	-4.167	-.01484	.00542	.01265	.00695	-.00177	-.00005	-.00092	.00450	.83702	.29660
.260	-2.124	-.00963	.00659	.00996	.00240	-.00052	-.00013	-.00086	.00572	.80974	.32992
.260	-1.107	-.00791	.00710	.00906	.00260	-.00070	.00009	-.00083	.00626	.84885	.26274
.260	-.059	-.00653	.00743	.00831	.00161	-.00043	.00016	-.00081	.00662	.84933	.21499
.260	.953	-.00523	.00766	.00767	.00054	-.00015	.00011	-.00077	.00689	.85996	.13565
.260	1.978	-.00466	.00785	.00735	.00012	-.00003	.00011	-.00069	.00715	.87536	-.35363
.260	4.060	-.00391	.00803	.00693	-.00073	.00017	.00011	-.00064	.00739	.82625	.40754
.260	6.140	-.00444	.00813	.00717	.00054	-.00030	.00026	-.00087	.00725	1.05687	-.05931
.260	8.132	-.00458	.00812	.00735	.00205	-.00079	.00031	-.00117	.00695	.93395	.17857
.260	10.242	-.00536	.00833	.00789	.00251	-.00089	.00019	-.00139	.00693	.91093	.23297
.260	12.315	-.00808	.00758	.00921	.00764	-.00235	.00048	-.00158	.00599	.87561	.24476
.260	14.378	-.01073	.00733	.01059	.01055	-.00314	.00057	-.00165	.00568	.86829	.25086
.260	16.415	-.01219	.00717	.01133	.00989	-.00296	.00029	-.00167	.00550	.86972	.26919
.260	18.469	-.01456	.00681	.01257	.01107	-.00326	.00024	-.00176	.00505	.86641	.27429
.260	20.580	-.01592	.00684	.01343	.01244	-.00366	.00028	-.00184	.00500	.86604	.27422
.260	22.645	-.01627	.00760	.01414	.01363	-.00405	.00047	-.00196	.00564	.86822	.26508
.260	24.698	-.01461	.01106	.01469	.00203	-.00050	-.00004	-.00204	.00901	.83142	.30499
.260	26.775	-.01487	.00985	.01480	.01073	-.00330	.00045	-.00217	.00767	.87599	.25995
.260	28.780	-.01277	.01116	.01440	.00804	-.00267	.00062	-.00222	.00893	.89329	.23378
.260	30.709	-.00861	.01381	.01357	.00305	-.00118	.00049	-.00208	.01172	.93357	.17268
	GRADIENT	.00130	.00031	-.00068	-.00086	.00021	.00003	.00004	.00035	.00228	-.02410

OA37 B26 C9 F9 M7 W116 E37 V8 R5 (AF2002) (01 JUL 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 INCHES
LREF = 474.8000 INCHES YMRP = .0000 INCHES
BREF = 936.8000 INCHES ZMRP = 375.0000 INCHES
SCALE = .0300

PARAMETRIC DATA

ALPHA = .000 BDFLAP = -11.700
ELEVON = .000 AILRON = .000
RUDDER = .000 SPDBRK = 25.000

RUN NO. 2/ 0 RN/L = 1.85 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CNV	CAFV	CLMV	CYV	CYNV	CBLV	CABV	CAUV	XCPV	ZCPV
.260	-10.099	-.00488	.00553	.00524	.07766	-.03245	.02135	-.00126	.00427	.95551	.09104
.260	-8.077	-.00543	.00546	.00578	.06237	-.02618	.01739	-.00064	.00481	.95691	.08821
.260	-6.054	-.00542	.00535	.00623	.04578	-.01919	.01293	-.00006	.00529	.95658	.08559
.260	-4.006	-.00555	.00577	.00675	.02978	-.01247	.00848	-.00006	.00571	.95620	.08377
.260	-2.023	-.00656	.00669	.00794	.01435	-.00595	.00403	-.00052	.00616	.95308	.08672
.260	-.020	-.00766	.00704	.00884	.00121	-.00031	.00014	-.00080	.00623	.83972	.20255
.260	2.032	-.00503	.00669	.00734	-.01173	.00518	-.00376	-.00068	.00601	.97267	.05782
.260	4.055	-.00416	.00625	.00642	-.02638	.01134	-.00807	-.00015	.00610	.96419	.06857
.260	6.088	-.00402	.00589	.00596	-.04293	.01827	-.01280	.00004	.00593	.96109	.07412
.260	8.096	-.00302	.00532	.00497	-.06006	.02534	-.01723	.00012	.00544	.95839	.08228
.260	10.119	-.00214	.00491	.00432	-.07490	.03141	-.02103	.00021	.00512	.95662	.08671
	GRADIENT	.00022	.00005	-.00006	-.00686	.00291	-.00203	-.00002	.00003	.00185	-.00303

OA37 B26 C9 F9 M7 W116 E37 V8 R5 (AF2003) (01 JUL 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 INCHES
LREF = 474.8000 INCHES YMRP = .0000 INCHES
BREF = 936.8000 INCHES ZMRP = 375.0000 INCHES
SCALE = .0300

PARAMETRIC DATA

ALPHA = 10.000 BDFLAP = -11.700
ELEVON = .000 AILRON = .000
RUDDER = .000 SPDBRK = 25.000

RUN NO. 3/ 0 RN/L = 1.85 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CNV	CAFV	CLMV	CYV	CYNV	CBLV	CABV	CAUV	XCPV	ZCPV
.260	-10.062	-.00489	.00432	.00410	.07887	-.03317	.02153	-.00111	.00321	.95752	.09239
.260	-8.100	-.00456	.00445	.00452	.06119	-.02581	.01687	-.00058	.00387	.95840	.09048
.260	-6.027	-.00444	.00533	.00521	.04462	-.01872	.01232	.00005	.00539	.95686	.09007
.260	-4.019	-.00477	.00646	.00638	.02912	-.01212	.00799	-.00021	.00625	.95444	.09139
.260	-2.032	-.00616	.00704	.00763	.01551	-.00638	.00395	-.00088	.00616	.95067	.10561
.260	-.004	-.00597	.00777	.00818	.00256	-.00082	.00018	-.00139	.00637	.88618	.23784
.260	2.029	-.00594	.00724	.00773	-.00759	.00365	-.00330	-.00089	.00635	1.00149	-.02524
.260	4.067	-.00449	.00628	.00633	-.02188	.00976	-.00768	-.00013	.00615	.97604	.03555
.260	6.119	-.00253	.00542	.00459	-.03810	.01660	-.01217	.00032	.00574	.96844	.05873
.260	8.108	-.00204	.00440	.00341	-.05511	.02384	-.01674	.00046	.00486	.96613	.07002
.260	10.120	-.00247	.00335	.00371	-.07091	.03064	-.02131	.00039	.00434	.96583	.07246
	GRADIENT	.00004	-.00001	-.00000	-.00618	.00266	-.00191	.00001	-.00000	.00467	-.01204

OA37 B26 C9 F9 M7 W116 E37 V8 R5 (AF2004) (01 JUL 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 INCHES
LREF = 474.8000 INCHES YMRP = .0000 INCHES
BREF = 936.8000 INCHES ZMRP = 375.0000 INCHES
SCALE = .0300

PARAMETRIC DATA

ALPHA = 15.000 BDFLAP = -11.700
ELEVON = .000 AILRON = .000
RUDDER = .000 SPDBRK = 25.000

RUN NO. 4/ 0 RN/L = 1.85 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CNV	CAFV	CLMV	CYV	CYNV	CBLV	CABV	CAUV	XCPV	ZCPV
.260	-10.081	-.00805	.00266	.00497	.08463	-.03584	.02250	-.00065	.00200	.95963	.09754
.260	-8.099	-.00740	.00342	.00566	.06550	-.02759	.01754	-.00010	.00332	.95801	.09618
.260	-6.076	-.00887	.00474	.00778	.04973	-.02056	.01279	.00005	.00479	.95233	.10393
.260	-4.013	-.01062	.00574	.00934	.03379	-.01364	.00812	-.00032	.00541	.94530	.11607
.260	-2.020	-.01082	.00661	.01010	.02021	-.00772	.00389	-.00120	.00540	.92965	.15086
.260	.007	-.01124	.00714	.01089	.00721	-.00216	.00012	-.00169	.00544	.86997	.27844
.260	2.030	-.01095	.00681	.01039	-.00240	.00221	-.00326	-.00129	.00552	1.32111	-.69559
.260	4.093	-.00958	.00568	.00899	-.01707	.00849	-.00774	-.00058	.00509	1.01324	-.03874
.260	6.101	-.00749	.00496	.00728	-.03339	.01548	-.01252	-.00001	.00495	.98877	.01843
.260	8.098	-.00577	.00276	.00497	-.05079	.02303	-.01734	.00044	.00321	.98139	.04272
.260	10.126	-.00498	.00165	.00373	-.06840	.03071	-.02215	.00064	.00230	.97809	.05554
	GRADIENT	.00010	.00000	-.00002	-.00614	.00267	-.00192	-.00003	-.00003	.02595	-.05689

OA37 B26 C9 F9 M7 W116 E37 V8 R5 (AF2005) (01 JUL 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 INCHES
LREF = 474.8000 INCHES YMRP = .0000 INCHES
BREF = 936.8000 INCHES ZMRP = 375.0000 INCHES
SCALE = .0300

PARAMETRIC DATA

ALPHA = 20.000 BDFLAP = -11.700
ELEVON = .000 AILRON = .000
RUDDER = .000 SPDBRK = 25.000

RUN NO. 5/ 0 RN/L = 1.85 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CNV	CAFV	CLMV	CYV	CYNV	CBLV	CABV	CAUV	XCPV	ZCPV
.260	-10.139	-.01102	.00106	.00571	.09847	-.04143	.02529	-.00048	.00058	.95761	.10414
.260	-8.115	-.01222	.00236	.00809	.07467	-.03121	.01914	.00034	.00270	.95562	.10453
.260	-6.118	-.01436	.00438	.01067	.05700	-.02353	.01419	-.00044	.00394	.95184	.10989
.260	-4.026	-.01503	.00564	.01182	.04099	-.01637	.00923	-.00119	.00445	.94201	.12709
.260	-2.067	-.01611	.00653	.01319	.02605	-.00963	.00445	-.00157	.00495	.92060	.16647
.260	-.039	-.01691	.00669	.01393	.01237	-.00364	.00034	-.00180	.00489	.86605	.27059
.260	1.995	-.01611	.00650	.01340	.00310	.00088	-.00324	-.00187	.00462	.44654	1.04887
.260	4.013	-.01376	.00606	.01157	-.01275	.00770	-.00805	-.00163	.00442	1.09063	-.16803
.260	6.062	-.01242	.00463	.00987	-.02823	.01463	-.01298	-.00083	.00380	1.02845	-.04331
.260	8.109	-.01061	.00278	.00769	-.04505	.02201	-.01788	.00022	.00301	1.00685	.00248
.260	10.102	-.00874	.00027	.00500	-.07034	.03272	-.02429	.00064	.00091	.98988	.03990
	GRADIENT	.00013	.00004	-.00002	-.00647	.00291	-.00219	-.00006	-.00002	-.00877	.01448

OA37 B26 C9 F9 M7 W116 E37 V8 R5 (AF2006) (01 JUL 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 INCHES
LREF = 474.8000 INCHES YMRP = .0000 INCHES
BREF = 936.8000 INCHES ZMRP = 375.0000 INCHES
SCALE = .0300

PARAMETRIC DATA

BETA = .000 BDFLAP = -11.700
ELEVON = .000 AILRON = .000
RUDDER = .000 SPDBRK = 25.000

RUN NO. 6/ 0 RN/L = 1.85 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CNV	CAFV	CLMV	CYV	CYNV	CBLV	CABV	CAUV	XCPV	ZCPV
.260	-4.178	-.01919	.00463	.01454	.00826	-.00196	.00009	-.00091	.00372	.82430	.28265
.260	-2.102	-.01349	.00559	.01159	.00375	-.00077	.00007	-.00085	.00473	.80119	.27682
.260	-1.064	-.01153	.00600	.01057	.00293	-.00059	.00013	-.00082	.00518	.79812	.25762
.260	-.018	-.00964	.00634	.00961	.00238	-.00053	.00020	-.00078	.00556	.81676	.22896
.260	.964	-.00830	.00658	.00893	.00134	-.00026	.00027	-.00076	.00582	.79283	.14298
.260	2.016	-.00759	.00678	.00859	.00065	-.00006	.00022	-.00068	.00610	.72405	.03391
.260	4.086	-.00693	.00687	.00820	.00115	-.00032	.00037	-.00063	.00624	.85812	.05479
.260	6.144	-.00711	.00696	.00829	.00195	-.00062	.00039	-.00085	.00610	.88540	.14469
.260	8.195	-.00704	.00700	.00839	.00225	-.00073	.00033	-.00117	.00582	.88952	.18221
.260	10.254	-.00832	.00688	.00913	.00407	-.00121	.00033	-.00140	.00548	.86857	.23068
.260	12.310	-.01013	.00665	.01005	.00636	-.00185	.00033	-.00158	.00507	.86375	.25228
.260	14.372	-.01233	.00623	.01116	.00901	-.00266	.00044	-.00165	.00457	.86665	.25446
.260	16.443	-.01506	.00602	.01259	.01105	-.00314	.00038	-.00168	.00434	.85888	.26566
.260	18.506	-.01728	.00562	.01370	.01283	-.00364	.00040	-.00175	.00387	.85849	.26757
.260	20.583	-.01882	.00569	.01472	.01366	-.00391	.00042	-.00180	.00389	.86016	.26784
.260	22.642	-.01885	.00638	.01524	.01562	-.00458	.00070	-.00195	.00443	.86525	.25804
.260	24.685	-.01884	.00756	.01599	.01453	-.00430	.00065	-.00204	.00552	.86737	.25796
.260	26.746	-.01798	.00867	.01615	.01302	-.00393	.00071	-.00215	.00651	.87167	.25054
.260	28.764	-.01588	.01014	.01584	.01031	-.00336	.00095	-.00225	.00789	.86873	.22377
.260	30.711	-.01190	.01275	.01510	.00484	-.00163	.00071	-.00203	.01072	.89727	.18343
	GRADIENT	.00148	.00028	-.00076	-.00084	.00019	.00004	.00004	.00031	-.00054	-.03484

OA37 B26 C9 F9 M7 W116 E37 V8 R5 (AF2007) (31 JUL 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 INCHES
LREF = 474.8000 INCHES YMRP = .0000 INCHES
BREF = 936.8000 INCHES ZMRP = 375.0000 INCHES
SCALE = .0300

PARAMETRIC DATA

BETA = .000 BDFLAP = .000
ELEVON = .000 AILRON = .000
RUDDER = .000 SPDBRK = 25.000

RUN NO. 7/ 0 RN/L = 1.85 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CNV	CAFV	CLMV	CYV	CYNV	CBLV	CABV	CAUV	XCPV	ZCPV
.260	-4.172	-.01807	.00544	.01438	.00902	-.00241	.00032	-.00090	.00454	.84612	.26484
.260	-2.118	-.01290	.00649	.01172	.00447	-.00114	.00023	-.00087	.00562	.83848	.25287
.260	-1.091	-.01054	.00694	.01054	.00314	-.00087	.00031	-.00084	.00609	.85307	.21819
.260	-.018	-.00875	.00718	.00963	.00124	-.00032	.00021	-.00081	.00637	.83908	.16678
.260	.958	-.00795	.00729	.00918	.00138	-.00040	.00029	-.00076	.00653	.86701	.13339
.260	2.031	-.00686	.00744	.00862	.00095	-.00038	.00036	-.00069	.00675	.94309	.01490
.260	4.095	-.00633	.00755	.00829	.00043	-.00023	.00032	-.00066	.00688	1.05393	-.25750
.260	6.147	-.00658	.00774	.00847	.00174	-.00071	.00047	-.00086	.00688	.94963	.09183
.260	8.188	-.00650	.00771	.00855	.00329	-.00115	.00048	-.00108	.00663	.90589	.18314
.260	10.259	-.00781	.00767	.00928	.00556	-.00181	.00054	-.00126	.00641	.88934	.21901
.260	12.303	-.01012	.00722	.01041	.00751	-.00233	.00052	-.00145	.00576	.87782	.23979
.260	14.321	-.01199	.00705	.01140	.00985	-.00301	.00057	-.00152	.00553	.87429	.24853
.260	16.410	-.01448	.00661	.01268	.01047	-.00308	.00040	-.00158	.00503	.86629	.26247
.260	18.517	-.01690	.00642	.01395	.01180	-.00340	.00028	-.00173	.00469	.86167	.27337
.260	20.530	-.01832	.00628	.01475	.01300	-.00378	.00039	-.00181	.00446	.86341	.26834
.260	22.632	-.01856	.00698	.01540	.01459	-.00429	.00054	-.00191	.00507	.86553	.26357
.260	24.691	-.01808	.00802	.01588	.01274	-.00372	.00031	-.00188	.00614	.86440	.27291
.260	26.757	-.01601	.01062	.01572	.00391	-.00118	-.00008	-.00204	.00857	.87170	.30663
.260	28.779	-.01551	.01053	.01586	.00921	-.00290	.00064	-.00220	.00832	.88098	.23986
.260	30.727	-.01142	.01307	.01504	.00597	-.00217	.00105	-.00205	.01102	.91614	.16879
	GRADIENT	.00142	.00025	-.00073	-.00099	.00025	.00001	.00003	.00028	.02431	-.06110

OA37 B26 C9 F9 M7 W116 E37 V8 R5 (AF2008) (01 JUL 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 INCHES
LREF = 474.8000 INCHES YMRP = .0000 INCHES
BREF = 936.8000 INCHES ZMRP = 375.0000 INCHES
SCALE = .0300

PARAMETRIC DATA

BETA = .000 BDFLAP = 16.300
ELEVON = .000 AILRON = .000
RUDDER = .000 SPDBRK = 25.000

RUN NO. 8/ 0 RN/L = 1.85 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CNV	CAFV	CLMV	CYV	CYNV	CBLV	CABV	CAUV	XCPV	ZCPV
.260	-4.159	-.01784	.00569	.01454	.00775	-.00193	.00005	-.00094	.00475	.83363	.28521
.260	-2.105	-.01264	.00681	.01188	.00422	-.00105	.00014	-.00091	.00590	.83312	.26527
.260	-1.063	-.01078	.00731	.01098	.00248	-.00068	.00021	-.00089	.00641	.85340	.22778
.260	-.016	-.00920	.00757	.01012	.00089	-.00025	.00014	-.00085	.00671	.85886	.17543
.260	.995	-.00828	.00770	.00966	.00020	-.00009	.00014	-.00079	.00690	.97070	-.21092
.260	2.033	-.00762	.00797	.00937	-.00051	.00012	.00010	-.00071	.00725	.82878	.43571
.260	4.098	-.00678	.00816	.00900	.00095	-.00046	.00036	-.00068	.00748	1.00552	.00994
.260	6.145	-.00633	.00851	.00892	.00135	-.00056	.00031	-.00079	.00772	.95330	.12400
.260	8.206	-.00692	.00844	.00931	.00190	-.00075	.00030	-.00079	.00764	.94097	.17237
.260	10.236	-.00830	.00831	.01005	.00369	-.00125	.00030	-.00090	.00740	.89856	.23134
.260	12.330	-.00958	.00859	.01080	.00284	-.00094	.00014	-.00109	.00750	.89357	.25387
.260	14.393	-.01270	.00766	.01229	.00889	-.00268	.00037	-.00126	.00639	.87145	.25972
.260	16.462	-.01463	.00728	.01323	.01007	-.00302	.00033	-.00141	.00587	.87037	.26652
.260	18.545	-.01663	.00698	.01425	.01170	-.00340	.00025	-.00166	.00532	.86313	.27499
.260	20.597	-.01844	.00685	.01524	.01317	-.00386	.00034	-.00179	.00505	.86482	.27155
.260	22.654	-.01862	.00753	.01581	.01354	-.00399	.00038	-.00189	.00564	.86606	.27012
.260	24.700	-.01817	.00846	.01627	.01330	-.00390	.00036	-.00186	.00660	.86517	.27062
.260	26.767	-.01679	.01013	.01632	.00795	-.00232	.00003	-.00201	.00812	.86475	.28753
.260	28.777	-.01536	.01116	.01630	.00746	-.00232	.00032	-.00218	.00897	.87779	.25875
.260	30.760	-.01095	.01374	.01525	.00264	-.00099	.00040	-.00209	.01164	.92568	.17899
	GRADIENT	.00131	.00029	-.00066	-.00090	.00020	.00003	.00004	.00033	.01835	-.02761

OA37 B26 C9 F9 M7 W116 E37 V8 R5 (AF2009) (01 JUL 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7009 INCHES
LREF = 474.8000 INCHES YMRP = .0000 INCHES
BREF = 936.8000 INCHES ZMRP = 375.0000 INCHES
SCALE = .0300

PARAMETRIC DATA

BETA = .000 BDFLAP = 16.300
ELEVON = 15.000 AILRON = .000
RUDDER = .000 SPDBRK = 25.000

RUN NO. 9/ 0 RN/L = 1.85 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CNV	CAFV	CLMV	CyV	CyNV	CBLV	CABV	CAUV	XCPV	ZCPV
.260	-4.017	-.01735	.00591	.01456	.00812	-.00215	.00020	-.00085	.00505	.84506	.27199
.260	-1.952	-.01216	.00641	.01173	.00525	-.00149	.00043	-.00079	.00561	.85888	.23090
.260	-.949	-.00999	.00684	.01061	.00378	-.00108	.00036	-.00078	.00606	.85970	.22111
.260	.110	-.00864	.00717	.00988	.00183	-.00055	.00035	-.00074	.00643	.87262	.15119
.260	1.096	-.00757	.00707	.00927	.00094	-.00033	.00032	-.00071	.00635	.90700	.04210
.260	2.157	-.00659	.00724	.00873	.00052	-.00023	.00038	-.00068	.00656	.98208	-.24548
.260	4.214	-.00607	.00734	.00843	.00158	-.00062	.00052	-.00066	.00667	.93765	.04802
.260	6.267	-.00655	.00742	.00865	.00187	-.00074	.00047	-.00089	.00652	.94177	.10824
.260	8.337	-.00685	.00738	.00885	.00353	-.00122	.00049	-.00128	.00609	.90389	.18985
.260	10.396	-.00701	.00794	.00905	-.00095	.00008	.00007	-.00172	.00621	.72071	.35016
.260	12.463	-.01029	.00667	.01049	.00722	-.00224	.00047	-.00195	.00472	.87739	.24331
.260	14.527	-.01269	.00623	.01165	.00911	-.00274	.00044	-.00198	.00424	.87087	.25542
.260	16.537	-.01491	.00568	.01269	.01048	-.00310	.00040	-.00191	.00376	.86712	.26237
.260	18.661	-.01630	.00533	.01345	.01084	-.00313	.00025	-.00179	.00354	.86183	.27352
.260	20.720	-.01763	.00534	.01432	.01265	-.00367	.00033	-.00184	.00349	.86302	.27127
.260	22.774	-.01810	.00610	.01505	.01465	-.00430	.00055	-.00197	.00413	.86538	.26329
.260	24.822	-.01788	.00717	.01566	.01207	-.00343	.00013	-.00214	.00502	.85857	.28254
.260	26.855	-.01704	.00863	.01618	.00879	-.00242	-.00007	-.00215	.00647	.85265	.29655
.260	28.826	-.01491	.01113	.01660	.00834	-.00261	.00054	-.00215	.00898	.87918	.24329
.260	30.796	-.01118	.01420	.01623	.00592	-.00230	.00124	-.00196	.01223	.93493	.13833
	GRADIENT	.00136	.00018	-.00074	-.00089	.00022	.00003	.00002	.00020	.01538	-.04696

OA37 B26 C9 F9 M7 W116 E37 V8 R5 (AF2010) (01 JUL 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 INCHES
LREF = 474.8000 INCHES YMRP = .0000 INCHES
BREF = 936.8000 INCHES ZMRP = 375.0000 INCHES
SCALE = .0300

PARAMETRIC DATA

BETA = .000 BDFLAP = -11.700
ELEVON = 15.000 AILRON = .000
RUDDER = .000 SPDBRK = 25.000

RUN NO. 10/ 0 RN/L = 1.85 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CNV	CAFV	CLMV	CYV	CYNV	CBLV	CABV	CAUV	XCPV	ZCPV
.260	-4.019	-.01745	.00531	.01414	.00805	-.00200	.00010	-.00085	.00446	.83287	.28152
.260	-1.966	-.01243	.00616	.01144	.00410	-.00096	.00006	-.00079	.00537	.82350	.27933
.260	-.937	-.01007	.00654	.01026	.00383	-.00099	.00027	-.00074	.00580	.84107	.23814
.260	.122	-.00875	.00696	.00955	.00248	-.00064	.00021	-.00071	.00625	.84186	.22706
.260	1.123	-.00742	.00719	.00888	.00098	-.00022	.00016	-.00066	.00653	.81542	.17185
.260	2.165	-.00673	.00735	.00850	.00046	-.00013	.00021	-.00062	.00672	.85838	-.04797
.260	4.223	-.00579	.00760	.00801	.00177	-.00061	.00044	-.00060	.00700	.90408	.10943
.260	6.288	-.00621	.00745	.00806	.00209	-.00073	.00042	-.00084	.00660	.90553	.14447
.260	8.340	-.00731	.00734	.00859	.00307	-.00101	.00037	-.00129	.00604	.89253	.20271
.260	10.387	-.00859	.00709	.00919	.00488	-.00152	.00034	-.00173	.00536	.87821	.23932
.260	12.452	-.01079	.00668	.01024	.00661	-.00201	.00035	-.00196	.00472	.87289	.25181
.260	14.540	-.01311	.00614	.01135	.00857	-.00254	.00036	-.00193	.00420	.86772	.25977
.260	16.591	-.01511	.00571	.01238	.00999	-.00284	.00021	-.00181	.00390	.85848	.27503
.260	18.669	-.01675	.00550	.01334	.01138	-.00315	.00010	-.00172	.00377	.85352	.28376
.260	20.724	-.01762	.00562	.01410	.01218	-.00339	.00009	-.00174	.00388	.85425	.28497
.260	22.784	-.01811	.00650	.01491	.01250	-.00348	.00009	-.00191	.00459	.85443	.28500
.260	24.827	-.01793	.00750	.01548	.01191	-.00328	.00000	-.00208	.00542	.85245	.29005
.260	26.849	-.01707	.00900	.01596	.00962	-.00262	-.00008	-.00213	.00687	.85039	.29726
.260	28.841	-.01505	.01136	.01630	.00625	-.00181	.00011	-.00215	.00920	.86259	.27727
.260	30.768	-.01103	.01461	.01590	.00411	-.00154	.00074	-.00193	.01267	.92454	.15893
	GRADIENT	.00140	.00028	-.00073	-.00081	.00018	.00004	.00003	.00031	.00760	-.03260

OA37 B26 C9 F9 M7 W116 E37 V8 R5 (AF2011) (01 JUL 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 INCHES
LREF = 474.8000 INCHES YMRP = .0000 INCHES
BREF = 936.8000 INCHES ZMRP = 375.0000 INCHES
SCALE = .0300

PARAMETRIC DATA

BETA = .000 BDFLAP = -11.700
ELEVON = -10.000 AILRON = .000
RUDDER = .000 SPDBRK = 25.000

RUN NO. 11/ 0 RN/L = 1.85 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CNV	CAFV	CLMV	CYV	CYNV	CBLV	CABV	CAUV	XCPV	ZCPV
.260	-4.271	-.01699	.00520	.01354	.00910	-.00238	.00019	-.00103	.00417	.84189	.27508
.260	-2.206	-.01170	.00604	.01076	.00473	-.00127	.00021	-.00098	.00506	.84818	.25816
.260	-1.179	-.01005	.00660	.00994	.00317	-.00084	.00015	-.00095	.00564	.84445	.25564
.260	-.109	-.00712	.00806	.00867	-.00321	.00100	-.00009	-.00090	.00715	.87854	.26866
.260	.876	-.00718	.00723	.00851	.00044	-.00011	.00011	-.00083	.00640	.84371	.09940
.260	1.928	-.00601	.00746	.00792	.00002	.00000	.00010	-.00074	.00671	.61395	-3.66627
.260	3.992	-.00534	.00755	.00756	-.00004	.00002	.00012	-.00068	.00687	1.00089	2.31892
.260	6.037	-.00540	.00755	.00760	.00196	-.00072	.00036	-.00081	.00673	.92172	.15571
.260	8.096	-.00543	.00755	.00769	.00303	-.00101	.00042	-.00097	.00658	.89600	.18923
.260	10.153	-.00694	.00740	.00851	.00472	-.00156	.00040	-.00120	.00619	.89212	.22795
.260	12.202	-.01023	.00693	.01022	.00929	-.00276	.00058	-.00143	.00549	.86808	.24487
.260	14.269	-.01151	.00658	.01074	.00849	-.00255	.00035	-.00160	.00498	.87047	.26045
.260	16.336	-.01391	.00636	.01203	.01126	-.00331	.00035	-.00165	.00470	.86548	.26785
.260	18.404	-.01607	.00600	.01314	.01142	-.00323	.00015	-.00176	.00424	.85765	.28097
.260	20.482	-.01775	.00600	.01417	.01232	-.00343	.00009	-.00186	.00413	.85471	.28488
.260	22.531	-.01846	.00657	.01493	.01288	-.00357	.00009	-.00202	.00455	.85368	.28551
.260	24.598	-.01822	.00731	.01523	.01280	-.00353	.00010	-.00222	.00508	.85277	.28473
.260	26.653	-.01693	.00824	.01514	.00976	-.00264	-.00004	-.00218	.00606	.84859	.29414
.260	28.696	-.01409	.00984	.01451	.00682	-.00193	.00007	-.00218	.00766	.85760	.28279
.260	30.675	-.01021	.01211	.01355	.00374	-.00125	.00047	-.00210	.01001	.89460	.19806
	GRADIENT	.00140	.00030	-.00072	-.00113	.00030	-.00001	.00005	.00034	.00386	.00384

OA37 B26 C9 F9 M7 W16 E37 V8 R5 (AF2012) (01 JUL 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 INCHES
LREF = 474.8000 INCHES YMRP = .0000 INCHES
BREF = 936.8000 INCHES ZMRP = 375.0000 INCHES
SCALE = .0300

PARAMETRIC DATA

BETA = .000 BDFLAP = -11.700
ELEVON = -20.000 AILRON = .000
RUDDER = .000 SPDBRK = 25.000

RUN NO. 12/ 0 RN/L = 1.85 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CNV	CAFV	CLMV	CYV	CYNV	CBLV	CABV	CAUV	XCPV	ZCPV
.260	-4.315	-.01598	.00539	.01327	.00692	-.00172	-.00004	-.00102	.00436	.83279	.29537
.260	-2.273	-.01072	.00613	.01051	.00421	-.00110	.00015	-.00093	.00520	.84199	.26449
.260	-1.226	-.00842	.00648	.00932	.00286	-.00074	.00015	-.00086	.00562	.83945	.25127
.260	-.167	-.00722	.00684	.00867	.00114	-.00024	.00006	-.00079	.00604	.80868	.24988
.260	.819	-.00555	.00706	.00784	.00104	-.00030	.00019	-.00069	.00637	.86238	.15385
.260	1.885	-.00512	.00717	.00756	.00003	-.00003	.00014	-.00062	.00655	1.22172	-2.49878
.260	3.925	-.00449	.00740	.00724	.00031	-.00019	.00027	-.00058	.00682	1.10474	-.34344
.260	5.974	-.00430	.00745	.00714	.00056	-.00027	.00020	-.00059	.00685	1.00111	.02656
.260	8.044	-.00578	.00721	.00786	.00272	-.00095	.00039	-.00068	.00652	.90810	.18558
.260	10.088	-.00690	.00710	.00843	.00414	-.00137	.00042	-.00096	.00614	.89367	.21627
.260	12.153	-.01229	.00641	.01130	.01268	-.00371	.00099	-.00130	.00511	.86454	.23345
.260	14.200	-.01152	.00647	.01074	.00829	-.00251	.00042	-.00152	.00494	.87244	.25383
.260	16.270	-.01400	.00605	.01196	.01013	-.00302	.00033	-.00171	.00434	.86855	.26657
.260	18.326	-.01649	.00573	.01320	.01195	-.00353	.00041	-.00179	.00394	.86649	.26522
.260	20.387	-.01818	.00543	.01412	.01290	-.00370	.00027	-.00186	.00356	.86073	.27503
.260	22.434	-.01770	.00654	.01431	.00998	-.00282	.00004	-.00202	.00452	.85780	.28739
.260	24.508	-.01817	.00645	.01479	.01121	-.00313	.00001	-.00219	.00426	.85538	.28941
.260	26.570	-.01700	.00730	.01463	.01037	-.00291	.00011	-.00215	.00515	.85621	.28280
.260	28.615	-.01451	.00900	.01424	.00678	-.00192	.00013	-.00215	.00685	.85865	.27613
.260	30.644	-.00962	.01119	.01282	.00237	-.00073	.00016	-.00207	.00912	.87679	.23893
	GRADIENT	.00139	.00025	-.00073	-.00085	.00020	.00003	.00006	.00031	.04322	-.18958

OA37 B26 C9 F9 M7 W116 E37 V8 R5 (AF2013) (01 JUL 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 INCHES
LREF = 474.8000 INCHES YMRP = .0000 INCHES
BREF = 936.8000 INCHES ZMRP = 375.0000 INCHES
SCALE = .0300

PARAMETRIC DATA

BETA = .000 BOFLAP = .000
ELEVON = -20.000 AILRON = .000
RUDDER = .000 SPDBRK = 25.000

RUN NO. 13/ 0 RN/L = 1.85 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CNV	CAFV	CLMV	CYV	CYNV	CBLV	CABV	CAUV	XCPV	ZCPV
.260	-4.299	-.01522	.00581	.01327	.00820	-.00223	.00021	-.00097	.00483	.84956	.27159
.260	-2.252	-.01016	.00692	.01069	.00427	-.00112	.00026	-.00087	.00605	.84372	.24643
.260	-1.214	-.00849	.00729	.00979	.00165	-.00047	.00015	-.00082	.00647	.86035	.22335
.260	-.162	-.00688	.00764	.00896	.00126	-.00039	.00025	-.00074	.00690	.87815	.14154
.260	.840	-.00564	.00783	.00831	-.00044	.00010	.00012	-.00064	.00718	.83025	.48823
.260	1.917	-.00501	.00801	.00800	-.00090	.00022	.00013	-.00058	.00743	.83170	.40232
.260	3.918	-.00426	.00826	.00759	.00000	-.00017	.00033	-.00054	.00771	14.14670	-24.79010
.260	6.002	-.00441	.00828	.00767	.00072	-.00037	.00034	-.00056	.00772	1.02850	-.05584
.260	8.067	-.00524	.00814	.00811	.00237	-.00089	.00044	-.00066	.00747	.92396	.15426
.260	10.107	-.00698	.00789	.00900	.00381	-.00127	.00039	-.00090	.00699	.89499	.21593
.260	12.163	-.00946	.00760	.01024	.00617	-.00193	.00042	-.00122	.00637	.87932	.24083
.260	14.223	-.01294	.00723	.01211	.01214	-.00363	.00078	-.00150	.00572	.86942	.24342
.260	16.283	-.01428	.00692	.01264	.01016	-.00306	.00041	-.00171	.00521	.87140	.26078
.260	18.348	-.01667	.00657	.01385	.01142	-.00335	.00037	-.00184	.00473	.86507	.26690
.260	20.412	-.01805	.00637	.01465	.01173	-.00333	.00021	-.00188	.00448	.85834	.27715
.260	22.455	-.01921	.00683	.01555	.01214	-.00340	.00013	-.00202	.00480	.85596	.28276
.260	24.535	-.01905	.00748	.01593	.01218	-.00345	.00022	-.00213	.00534	.85789	.27724
.260	26.582	-.01793	.00841	.01584	.00942	-.00264	.00008	-.00213	.00628	.85627	.28398
.260	28.638	-.01505	.00993	.01517	.00660	-.00191	.00016	-.00209	.00783	.86284	.27236
.260	30.655	-.01004	.01199	.01351	.00140	-.00044	.00014	-.00204	.00994	.88395	.21433
	GRADIENT	.00132	.00029	-.00068	-.00105	.00027	.00000	.00006	.00035	1.22123	-2.29072

OA37 B26 C9 F9 M7 W116 E37 V8 R5 (AF2016) (01 JUL 74)

REFERENCE DATA

SREF = 2690.0000 Sq.FT. XMRP = 1076.7000 INCHES
LREF = 474.8000 INCHES YMRP = .0000 INCHES
BREF = 936.8000 INCHES ZMRP = 375.0000 INCHES
SCALE = .0300

PARAMETRIC DATA

BETA = .000 BDFLAP = -11.700
ELEVON = .000 AILRON = .000
RUDDER = .000 SPDBRK = 25.000

RUN NO. 16/ 0 RN/L = 1.85 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CNV	CAFV	CLMV	CYV	CYNV	CBLV	CABV	CAUV	XCPV	ZCPV
.260	-4.166	-.02633	.00414	.01766	.01079	-.00263	.00027	-.00090	.00323	.82974	.27244
.260	-2.112	-.02034	.00512	.01465	.00675	-.00159	.00026	-.00085	.00427	.82400	.26255
.260	-1.096	-.01833	.00539	.01361	.00519	-.00120	.00027	-.00081	.00457	.82023	.25165
.260	-.027	-.01674	.00583	.01282	.00472	-.00113	.00037	-.00079	.00504	.82629	.23313
.260	.963	-.01542	.00609	.01219	.00422	-.00105	.00044	-.00075	.00534	.83376	.21390
.260	1.979	-.01488	.00618	.01189	.00411	-.00104	.00051	-.00068	.00550	.83615	.20037
.260	4.070	-.01385	.00632	.01135	.00350	-.00095	.00049	-.00062	.00569	.84938	.18717
.260	6.090	-.01421	.00609	.01145	.00420	-.00124	.00056	-.00083	.00526	.86721	.19313
.260	8.203	-.01363	.00611	.01133	.00525	-.00154	.00053	-.00112	.00498	.86508	.21706
.260	10.202	-.01397	.00593	.01158	.00757	-.00224	.00066	-.00132	.00460	.86734	.22712
.260	12.317	-.01630	.00563	.01278	.00972	-.00283	.00065	-.00151	.00411	.86372	.24135
.260	14.374	-.01873	.00526	.01404	.01167	-.00334	.00062	-.00159	.00367	.86035	.25206
.260	16.451	-.02087	.00499	.01514	.01346	-.00382	.00057	-.00162	.00336	.85808	.25979
.260	18.513	-.02342	.00473	.01648	.01462	-.00404	.00042	-.00173	.00299	.85283	.26936
.260	20.588	-.02519	.00473	.01757	.01588	-.00439	.00045	-.00182	.00290	.85278	.26973
.260	22.618	-.02508	.00545	.01803	.01650	-.00462	.00054	-.00193	.00351	.85566	.26678
.260	24.696	-.02474	.00632	.01852	.01562	-.00435	.00046	-.00204	.00427	.85438	.26887
.260	26.751	-.02452	.00740	.01896	.01338	-.00368	.00033	-.00216	.00523	.85228	.27228
.260	28.761	-.02277	.00890	.01875	.01037	-.00287	.00037	-.00221	.00669	.85328	.26474
.260	30.737	-.01899	.01194	.01842	.00754	-.00250	.00108	-.00209	.00984	.89302	.18673
	GRADIENT	.00148	.00027	-.00074	-.00082	.00018	.00004	.00004	.00030	.00270	-.01165

OA37 B26 C9 F9 MT W116 E37 V8 R5 (AF2017) (01 JUL 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 INCHES
LREF = 474.8000 INCHES YMRP = .0000 INCHES
BREF = 936.8000 INCHES ZMRP = 375.0000 INCHES
SCALE = .0300

PARAMETRIC DATA

BETA = .000 BDFLAP = -11.700
ELEVON = -40.000 AILRON = .000
RUDDER = .000 SPDBRK = 25.000

RUN NO. 17/ 0 RN/L = 1.85 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CNV	CAFV	CLNV	CYV	CYNV	CBLV	CABV	CAUV	XCPV	ZCPV
.260	-4.372	-.02164	.00529	.01611	.00864	-.00219	.00006	-.00111	.00417	.83604	.28542
.260	-2.306	-.01541	.00624	.01297	.00479	-.00118	.00010	-.00100	.00523	.83153	.27471
.260	-1.278	-.01313	.00667	.01183	.00340	-.00082	.00009	-.00094	.00572	.82791	.27094
.260	-.219	-.01172	.00697	.01106	.00264	-.00067	.00018	-.00087	.00610	.83709	.23852
.260	.763	-.01020	.00711	.01028	.00161	-.00036	.00011	-.00074	.00636	.81639	.23991
.260	1.828	-.00962	.00735	.00996	.00098	-.00019	.00010	-.00071	.00663	.79691	.21139
.260	3.891	-.01080	.00726	.01035	.00168	-.00049	.00029	-.00069	.00657	.86491	.16350
.260	5.959	-.01063	.00735	.01031	.00185	-.00054	.00024	-.00077	.00658	.86683	.19415
.260	7.928	-.00971	.00731	.01002	.00411	-.00129	.00048	-.00083	.00647	.88051	.20425
.260	10.049	-.01068	.00699	.01051	.00574	-.00170	.00037	-.00087	.00611	.86803	.24283
.260	12.036	-.01249	.00665	.01143	.00788	-.00234	.00050	-.00098	.00566	.86835	.24405
.260	14.173	-.01506	.00641	.01274	.00997	-.00295	.00050	-.00114	.00526	.86722	.25369
.260	16.206	-.01735	.00611	.01394	.01259	-.00370	.00064	-.00129	.00481	.86571	.25370
.260	18.253	-.01921	.00584	.01489	.01402	-.00408	.00060	-.00147	.00436	.86359	.25932
.260	20.355	-.02050	.00584	.01573	.01525	-.00446	.00066	-.00152	.00432	.86483	.25904
.260	22.372	-.02029	.00649	.01592	.01458	-.00429	.00071	-.00181	.00468	.86619	.25516
.260	24.475	-.02192	.00664	.01698	.01511	-.00451	.00073	-.00214	.00450	.86914	.25517
.260	26.514	-.02143	.00726	.01701	.01329	-.00406	.00083	-.00223	.00503	.87422	.24494
.260	28.563	-.01951	.00892	.01685	.00920	-.00267	.00045	-.00220	.00672	.86332	.25442
.260	30.614	-.01537	.01128	.01571	.00447	-.00145	.00058	-.00214	.00913	.88850	.19630
	GRADIENT	.00133	.00024	-.00071	-.00086	.00021	.00002	.00003	.00030	.00081	-.01489

OA37 B26 C9 F9 M7 W16 E37 V8 R5 (AF2018) (01 JUL 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 INCHES
LREF = 474.8000 INCHES YMRP = .0000 INCHES
BREF = 936.8000 INCHES ZMRP = 375.0000 INCHES
SCALE = .0300

PARAMETRIC DATA

BETA = .000 BDFLAP = .000
ELEVON = -40.000 AILRON = .000
RUDDER = .000 SPDBRK = 25.000

RUN NO. 18/ 0 RN/L = 1.85 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CNV	CAFV	CLMV	CYV	CYNV	CBLV	CABV	CAUV	XCPV	ZCPV
.260	-4.359	-.02106	.00569	.01622	.00844	-.00220	.00015	-.00106	.00463	.84141	.27771
.260	-2.283	-.01520	.00672	.01325	.00456	-.00117	.00014	-.00096	.00575	.83825	.26727
.260	-1.270	-.01290	.00697	.01202	.00331	-.00087	.00020	-.00088	.00609	.84304	.24536
.260	-.206	-.01118	.00734	.01113	.00222	-.00058	.00020	-.00081	.00652	.84262	.22501
.260	.814	-.00965	.00757	.01037	.00136	-.00033	.00014	-.00070	.00686	.83065	.21164
.260	1.857	-.00934	.00763	.01017	.00106	-.00033	.00027	-.00064	.00699	.88234	.10033
.260	3.899	-.00999	.00791	.01039	.00010	.00000	.00019	-.00067	.00724	.61681	-1.14197
.260	5.896	-.01043	.00786	.01060	.00172	-.00058	.00032	-.00072	.00713	.89621	.15375
.260	7.981	-.00962	.00766	.01030	.00276	-.00084	.00025	-.00073	.00693	.87422	.22334
.260	10.008	-.01023	.00730	.01059	.00513	-.00155	.00036	-.00080	.00649	.87168	.23834
.260	12.102	-.01239	.00706	.01177	.00770	-.00235	.00056	-.00092	.00613	.87441	.23754
.260	14.141	-.01453	.00681	.01289	.01005	-.00302	.00060	-.00103	.00578	.87044	.24718
.260	16.164	-.01780	.00649	.01466	.01270	-.00373	.00062	-.00122	.00527	.86579	.25479
.260	18.294	-.01920	.00647	.01544	.01313	-.00384	.00052	-.00145	.00501	.86471	.26163
.260	20.340	-.02037	.00644	.01625	.01493	-.00441	.00070	-.00151	.00493	.86691	.25628
.260	22.412	-.02127	.00692	.01709	.01601	-.00483	.00086	-.00178	.00513	.87159	.25138
.260	24.483	-.02229	.00746	.01800	.01571	-.00475	.00088	-.00211	.00535	.87173	.24950
.260	26.540	-.02249	.00812	.01841	.01364	-.00427	.00098	-.00217	.00594	.87939	.23841
.260	28.587	-.02018	.00965	.01785	.00815	-.00234	.00032	-.00210	.00754	.86141	.26212
.260	30.575	-.01572	.01165	.01638	.00472	-.00151	.00057	-.00206	.00958	.88560	.29244
	GRADIENT	.00137	.00026	-.00072	-.00098	.00025	.00001	.00005	.00032	-.01888	-.13898

OA37 B26 C9 F9 M7 W116 E37 V8 R5 (AF2019) (01 JUL 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 INCHES
LREF = 474.6000 INCHES YMRP = .0000 INCHES
BREF = 936.8000 INCHES ZMRP = 375.0000 INCHES
SCALE = .0300

PARAMETRIC DATA

BETA = .000 BDFLAP = -11.700
ELEVON = -20.000 AILRON = 20.000
RUDDER = .000 SPDBRK = 25.000

RUN NO. 19/ 0 RN/L = 1.85 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CNV	CAFV	CLMV	CYV	CYNV	CBLV	CABV	CAUV	XCPV	ZCPV
.260	-4.269	-.01713	.00445	.01366	.00180	.00081	-.00204	-.00092	.00352	.32382	1.11649
.260	-2.201	-.01189	.00541	.01091	-.00240	.00196	-.00210	-.00082	.00458	1.24433	-.34563
.260	-1.174	-.00974	.00575	.00981	-.00350	.00218	-.00199	-.00079	.00496	1.10465	-.12256
.260	-.157	-.00847	.00603	.00915	-.00468	.00247	-.00200	-.00071	.00531	1.03546	-.01894
.260	.871	-.00707	.00635	.00844	-.00536	.00264	-.00197	-.00068	.00567	1.00998	.02271
.260	1.943	-.00655	.00647	.00814	-.00574	.00269	-.00191	-.00063	.00584	.99278	.04899
.260	3.948	-.00614	.00654	.00792	-.00524	.00253	-.00182	-.00058	.00595	1.00344	.03846
.260	6.039	-.00615	.00655	.00790	-.00517	.00243	-.00177	-.00058	.00597	.99452	.04107
.260	8.098	-.00864	.00652	.00913	-.00406	.00217	-.00187	-.00084	.00567	1.03968	-.04458
.260	10.109	-.01229	.00638	.01092	-.00235	.00165	-.00189	-.00118	.00520	1.16394	-.29273
.260	12.194	-.01405	.00596	.01179	-.00012	.00103	-.00186	-.00146	.00449	6.72525	-10.61830
.260	14.276	-.01649	.00562	.01298	.00212	.00041	-.00182	-.00164	.00398	.50974	.91638
.260	16.279	-.01897	.00533	.01424	.00398	-.00006	-.00186	-.00177	.00355	.66466	.63109
.260	18.399	-.02122	.00525	.01544	.00571	-.00052	-.00187	-.00198	.00326	.71912	.52842
.260	20.501	-.02316	.00525	.01659	.00626	-.00056	-.00204	-.00199	.00325	.71777	.52689
.260	22.527	-.02311	.00584	.01708	.00742	-.00090	-.00193	-.00200	.00384	.74591	.48018
.260	24.579	-.02317	.00662	.01773	.00650	-.00053	-.00206	-.00201	.00460	.71205	.52132
.260	26.648	-.02262	.00772	.01815	.00516	-.00020	-.00191	-.00186	.00585	.68159	.55961
.260	28.666	-.02046	.00945	.01794	.00375	-.00005	-.00142	-.00192	.00753	.66261	.56658
.260	30.648	-.01630	.01211	.01705	.00165	.00004	-.00051	-.00196	.01015	.63277	.51834
	GRADIENT	.00133	.00026	-.00069	-.00085	.00020	.00003	.00004	.00030	.04920	-.07836

OA37 B26 C9 F9 M7 W116 E37 V8 R5 (AF2020) (01 JUL 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1078.7000 INCHES
LREF = 474.8000 INCHES YMRP = .0000 INCHES
BREF = 936.8000 INCHES ZMRP = 375.0000 INCHES
SCALE = .0300

PARAMETRIC DATA

BETA = .000 BDFLAP = -11.700
ELEVON = -10.000 AILRON = 10.000
RUDDER = .000 SPDBRK = 25.000

RUN NO. 20/ 0 RN/L = 1.85 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CNV	CAFV	CLMV	CYV	CYNV	CBLV	CABV	CAUV	XCPV	ZCPV
.260	-4.201	-.02101	.00412	.01519	.00810	-.00160	-.00049	-.00095	.00317	.79616	.33463
.260	-2.157	-.01584	.00508	.01253	.00365	-.00040	-.00061	-.00089	.00419	.73165	.41214
.260	-1.094	-.01418	.00540	.01165	.00230	-.00007	-.00057	-.00084	.00455	.67735	.47090
.260	-.068	-.01279	.00568	.01099	.00136	.00015	-.00057	-.00080	.00487	.57075	.59875
.260	.908	-.01139	.00587	.01029	.00020	.00045	-.00060	-.00073	.00514	-.99789	2.46063
.260	1.960	-.01053	.00601	.00985	.00009	.00045	-.00056	-.00064	.00536	-2.99106	4.71414
.260	4.032	-.01013	.00617	.00962	-.00023	.00049	-.00051	-.00060	.00557	2.16569	-1.28063
.260	6.086	-.01071	.00610	.00986	-.00019	.00049	-.00060	-.00073	.00537	2.47790	-1.93381
.260	8.135	-.01310	.00610	.01106	.00113	.00007	-.00056	-.00100	.00509	.60318	.65094
.260	10.172	-.01479	.00589	.01193	.00273	-.00033	-.00065	-.00130	.00458	.74160	.46520
.260	12.235	-.01629	.00586	.01273	.00359	-.00052	-.00064	-.00161	.00425	.75835	.42069
.260	14.290	-.01897	.00509	.01396	.00683	-.00144	-.00069	-.00178	.00331	.80519	.36483
.260	16.374	-.02164	.00473	.01529	.00793	-.00161	-.00092	-.00185	.00288	.80019	.37570
.260	18.444	-.02376	.00455	.01644	.00942	-.00196	-.00100	-.00194	.00260	.80328	.36787
.260	20.507	-.02509	.00463	.01731	.00963	-.00184	-.00127	-.00192	.00271	.79111	.38653
.260	22.540	-.02579	.00503	.01800	.01002	-.00195	-.00124	-.00200	.00302	.79380	.38052
.260	24.624	-.02529	.00589	.01841	.00919	-.00166	-.00134	-.00211	.00378	.78368	.39679
.260	26.682	-.02438	.00690	.01856	.00766	-.00122	-.00132	-.00201	.00488	.76780	.41639
.260	28.710	-.02196	.00862	.01811	.00611	-.00106	-.00080	-.00206	.00655	.77914	.38624
.260	30.707	-.01791	.01141	.01751	.00524	-.00158	.00051	-.00206	.00935	.87134	.21986
	GRADIENT	.00132	.00024	-.00067	-.00099	.00024	-.00000	.00005	.00029	-.07819	.09334

OA37 B26 C9 F9 W7 W16 E37 V8 R5 (AF2021) (01 JUL 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 INCHES
LREF = 474.8000 INCHES YMRP = .0000 INCHES
BREF = 936.8000 INCHES ZMRP = 375.0000 INCHES
SCALE = .0300

PARAMETRIC DATA

BETA = .000 BOFLAP = -11.700
ELEVON = .000 AILRON = 15.000
RUDDER = .000 SPDBRK = 25.000

RUN NO. 21/ 0 RN/L = 1.65 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CNV	CAFV	CLMV	CYV	CYNV	CBLV	CABV	CAUV	XCPV	ZCPV
.260	-4.157	-.02206	.00462	.01622	.00414	-.00007	-.00145	-.00085	.00377	.66463	.54575
.260	-2.113	-.01544	.00542	.01279	-.00068	.00126	-.00161	-.00077	.00465	1.99479	-1.42149
.260	-1.074	-.01312	.00583	.01160	-.00205	.00161	-.00157	-.00074	.00508	1.22057	-.26383
.260	-.024	-.01126	.00599	.01065	-.00280	.00175	-.00147	-.00069	.00530	1.10610	-.09145
.260	.964	-.00977	.00612	.00986	-.00461	.00234	-.00172	-.00061	.00550	1.02152	.01937
.260	2.034	-.00850	.00625	.00920	-.00479	.00235	-.00165	-.00055	.00570	1.00827	.03948
.260	4.083	-.00759	.00644	.00872	-.00503	.00239	-.00163	-.00050	.00593	.99719	.05424
.260	6.094	-.00774	.00646	.00877	-.00430	.00215	-.00159	-.00064	.00582	1.01540	.02190
.260	8.201	-.00960	.00631	.00958	-.00338	.00192	-.00171	-.00102	.00528	1.06531	-.07750
.260	10.258	-.01373	.00593	.01150	-.00162	.00139	-.00172	-.00147	.00446	1.27341	-.47687
.260	12.295	-.01658	.00553	.01282	.00060	.00078	-.00173	-.00174	.00379	-.28505	2.35949
.260	14.371	-.01876	.00506	.01384	.00253	.00026	-.00173	-.00178	.00327	.57498	.78600
.260	16.440	-.02060	.00483	.01478	.00422	-.00007	-.00185	-.00179	.00303	.66588	.60913
.260	18.506	-.02240	.00460	.01577	.00556	-.00036	-.00196	-.00182	.00277	.69969	.54692
.260	20.571	-.02365	.00469	.01664	.00676	-.00065	-.00199	-.00181	.00287	.72291	.50459
.260	22.611	-.02413	.00519	.01730	.00693	-.00069	-.00200	-.00189	.00329	.72444	.50045
.260	24.672	-.02417	.00618	.01790	.00662	-.00070	-.00186	-.00202	.00416	.72902	.49479
.260	26.717	-.02268	.00737	.01795	.00650	-.00089	-.00141	-.00199	.00537	.75219	.44822
.260	28.746	-.02084	.00959	.01839	.00712	-.00178	-.00008	-.00207	.00751	.83455	.29971
.260	30.723	-.01688	.01304	.01816	.00782	-.00307	.00176	-.00190	.01113	.93697	.12734
	GRADIENT	.00173	.00021	-.00090	-.00110	.00029	-.00002	.00005	.00026	-.01970	.02900

OA37 B26 C9 F9 M7 W116 E37 V8 R5 (AF2022) (01 JUL 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 INCHES
LREF = 474.8000 INCHES YMRP = .0000 INCHES
BREF = 936.8000 INCHES ZMRP = 375.0000 INCHES
SCALE = .0300

PARAMETRIC DATA

BETA = .000 BDFLAP = -11.700
ELEVON = -10.000 AILRON = 5.000
RUDDER = .000 SPDBRK = 25.000

RUN NO. 22/ 0 RN/L = 1.85 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CNV	CAFV	CLMV	CYV	CYNV	CBLV	CABV	CAUV	XCPV	ZCPV
.260	-4.250	-.02130	.00459	.01554	.00834	-.00197	-.00009	-.00101	.00358	.82422	.29910
.260	-2.209	-.01681	.00566	.01318	.00437	-.00097	-.00005	-.00095	.00471	.81332	.30039
.260	-1.167	-.01461	.00594	.01201	.00252	-.00042	-.00017	-.00092	.00502	.77312	.34201
.260	-.124	-.01361	.00631	.01153	.00160	-.00022	-.00013	-.00087	.00544	.75335	.35007
.260	.876	-.01217	.00641	.01077	.00073	.00003	-.00015	-.00081	.00560	.61469	.44098
.260	1.921	-.01134	.00667	.01036	.00020	.00016	-.00013	-.00071	.00596	.06779	.76742
.260	3.980	-.01104	.00678	.01016	.00032	.00005	-.00002	-.00063	.00615	.52090	.34855
.260	6.038	-.01079	.00683	.01008	.00013	.00010	-.00014	-.00079	.00604	.06381	1.08944
.260	8.093	-.01097	.00666	.01020	.00144	-.00021	-.00025	-.00098	.00568	.75939	.40855
.260	10.154	-.01177	.00652	.01066	.00308	-.00065	-.00026	-.00122	.00530	.80696	.35262
.260	12.182	-.01361	.00617	.01157	.00537	-.00132	-.00020	-.00154	.00463	.83075	.31788
.260	14.268	-.01631	.00576	.01286	.00760	-.00194	-.00016	-.00175	.00401	.83822	.30630
.260	16.329	-.01910	.00540	.01425	.00939	-.00239	-.00024	-.00184	.00355	.83711	.30953
.260	18.364	-.02193	.00490	.01562	.00999	-.00241	-.00047	-.00188	.00301	.82790	.32527
.260	20.474	-.02326	.00501	.01651	.01081	-.00253	-.00060	-.00188	.00313	.82252	.33147
.260	22.534	-.02362	.00538	.01706	.01104	-.00256	-.00069	-.00202	.00335	.82050	.33599
.260	24.574	-.02348	.00617	.01748	.01046	-.00240	-.00070	-.00216	.00401	.81898	.33943
.260	26.622	-.03556	.00568	.02456	.02428	-.00634	.00038	-.00209	.00358	.84196	.27912
.260	28.682	-.02051	.00873	.01723	.00666	-.00157	-.00027	-.00210	.00662	.82357	.32042
.260	30.677	-.01639	.01149	.01652	.00521	-.00177	.00079	-.00209	.00939	.89871	.17949
	GRADIENT	.00126	.00026	-.00066	-.00098	.00025	.00000	.00005	.00031	-.06624	.02847

OA37 B26 C9 F9 M7 W116 E37 V8 R5 (AF2023) (01 JUL 74)

REFERENCE DATA

SREF = 2690.0000 Sq.FT. XMRP = 1076.7000 INCHES
LREF = 474.8000 INCHES YMRP = .0000 INCHES
BREF = 936.8000 INCHES ZMRP = 375.0000 INCHES
SCALE = .0300

PARAMETRIC DATA

BETA = .000 BDFLAP = -11.700
ELEVON = -20.500 AILRON = 15.000
RUDDER = .000 SPDBRK = 25.000

RUN NO. 23/ 0 RN/L = 1.65 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CNV	CAFV	CLMV	CYV	CYNV	CBLV	CABV	CAUV	XCPV	ZCPV
.260	-4.280	-.01810	.00438	.01411	.00453	-.00024	-.00136	-.00097	.00340	.69102	.50868
.260	-2.223	-.01350	.00540	.01166	.00068	.00073	-.00132	-.00090	.00449	-.12028	1.69361
.260	-1.195	-.01242	.00569	.01114	.00031	.00081	-.00123	-.00085	.00483	-1.20050	3.10031
.260	-.132	-.00943	.00596	.00957	-.00212	.00144	-.00130	-.00078	.00517	1.14485	-.15634
.260	.887	-.00871	.00612	.00917	-.00266	.00154	-.00126	-.00070	.00542	1.07370	-.05445
.260	1.924	-.00753	.00628	.00855	-.00341	.00175	-.00129	-.00067	.00561	1.02561	.01492
.260	3.988	-.00734	.00651	.00844	-.00323	.00161	-.00114	-.00060	.00590	1.01551	.03346
.260	6.022	-.00830	.00648	.00891	-.00265	.00143	-.00113	-.00062	.00585	1.04627	-.01985
.260	8.087	-.01094	.00653	.01025	-.00154	.00108	-.00111	-.00078	.00575	1.16162	-.23511
.260	10.142	-.01226	.00623	.01093	.00034	.00059	-.00115	-.00101	.00522	-.61575	2.74210
.260	12.205	-.01449	.00584	.01201	.00274	-.00006	-.00112	-.00128	.00455	.67031	.58882
.260	14.274	-.01690	.00551	.01322	.00507	-.00075	-.00105	-.00154	.00397	.75980	.44094
.260	16.304	-.01926	.00527	.01439	.00682	-.00118	-.00110	-.00172	.00355	.77864	.40807
.260	18.390	-.02173	.00504	.01567	.00793	-.00141	-.00125	-.00192	.00312	.78129	.40531
.260	20.458	-.02360	.00499	.01670	.00826	-.00140	-.00143	-.00198	.00301	.77537	.41701
.260	22.508	-.02425	.00544	.01743	.00947	-.00175	-.00135	-.00204	.00339	.78646	.39419
.260	24.576	-.02430	.00621	.01804	.00829	-.00131	-.00152	-.00207	.00413	.76689	.42405
.260	26.629	-.02349	.00716	.01826	.00761	-.00121	-.00126	-.00196	.00520	.76795	.41085
.260	28.660	-.02100	.00878	.01772	.00382	-.00002	-.00144	-.00196	.00681	.65671	.56518
.260	30.660	-.01695	.01152	.01696	.00192	.00001	-.00055	-.00198	.00953	.64738	.49998
	GRADIENT	.00135	.00025	-.00071	-.00097	.00023	.00002	.00005	.00030	.13579	-.19479

OA37 B26 C9 F9 M7 W116 E37 V8 R5 (AF2024) (01 JUL 74)

REFERENCE DATA

SREF = 2690.0000 Sq.FT. XMRP = 1076.7000 INCHES
LREF = 474.8000 INCHES YMRP = .0000 INCHES
BREF = 936.8000 INCHES ZMRP = 375.0000 INCHES
SCALE = .0300

PARAMETRIC DATA

BETA = .000 BOFLAP = -11.700
ELEVON = -10.000 AILRON = 15.000
RUDDER = .000 SPDBRK = 25.000

RUN NO. 24/ 0 RN/L = 1.85 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CNV	CAFV	CLMV	CYV	CYNV	CBLV	CABV	CAUV	XCPV	ZCPV
.260	-4.217	-.02013	.00429	.01515	.00472	-.00028	-.00131	-.00088	.00340	.69545	.49229
.260	-2.163	-.01439	.00529	.01221	.00079	.00075	-.00130	-.00081	.00447	-.04055	1.48604
.260	-1.119	-.01193	.00564	.01093	-.00030	.00099	-.00121	-.00077	.00487	3.02813	-2.61658
.260	-.077	-.01026	.00591	.01005	-.00143	.00127	-.00121	-.00072	.00518	1.29885	-.32187
.260	.910	-.00866	.00610	.00925	-.00238	.00153	-.00126	-.00063	.00546	1.11976	-.09238
.260	1.952	-.00827	.00622	.00903	-.00247	.00151	-.00116	-.00058	.00563	1.09508	-.04962
.260	4.032	-.00744	.00643	.00857	-.00308	.00168	-.00122	-.00053	.00590	1.04755	.00206
.260	6.081	-.00645	.00681	.00811	-.00507	.00227	-.00130	-.00064	.00616	.97761	.10355
.260	8.147	-.01143	.00635	.01050	-.00155	.00118	-.00124	-.00092	.00543	1.20751	-.29220
.260	10.191	-.01339	.00601	.01144	.00060	.00058	-.00123	-.00117	.00483	-.06014	1.78011
.260	12.261	-.01554	.00575	.01255	.00257	.00009	-.00127	-.00146	.00429	.62585	.65177
.260	14.316	-.01792	.00539	.01370	.00453	-.00046	-.00127	-.00163	.00375	.72737	.49492
.260	16.374	-.02106	.00501	.01521	.00598	-.00077	-.00142	-.00179	.00321	.74594	.46333
.260	18.445	-.02317	.00480	.01629	.00668	-.00080	-.00170	-.00196	.00284	.73976	.47627
.260	20.483	-.02513	.00495	.01749	.00737	-.00081	-.00193	-.00190	.00304	.73278	.48130
.260	22.532	-.02565	.00524	.01815	.00797	-.00095	-.00192	-.00195	.00328	.73891	.46626
.260	24.613	-.02622	.00605	.01905	.00854	-.00110	-.00183	-.00205	.00400	.74574	.44637
.260	26.671	-.02415	.00735	.01870	.00598	-.00033	-.00191	-.00195	.00540	.69323	.52316
.260	28.692	-.02187	.00909	.01851	.00468	-.00027	-.00132	-.00195	.00713	.69537	.49571
.260	30.668	-.01844	.01255	.01877	.00658	-.00211	.00092	-.00196	.01058	.88514	.18860
	GRADIENT	.00153	.00025	-.00079	-.00092	.00023	.00051	.00005	.00030	.04155	-.05878

OA37 B26 C9 F9 H7 W116 E37 V8 R5 (AF2025) (01 JUL 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 INCHES
LREF = 474.8000 INCHES YMRP = .0000 INCHES
BREF = 936.8000 INCHES ZMRP = 375.0000 INCHES
SCALE = .0300

PARAMETRIC DATA

BETA = .000 BDFLAP = -11.700
ELEVON = .000 AILRON = 5.000
RUDDER = .000 SPDBRK = 25.000

RUN NO. 25/ 0 RN/L = 1.85 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CNV	CAFV	CLMV	CYV	CYNV	CBLV	CABV	CAUV	XCPV	ZCPV
.260	-4.171	-.02627	.00432	.01786	.00798	-.00159	-.00035	-.00090	.00342	.79671	.32297
.260	-2.111	-.01971	.00529	.01456	.00441	-.00071	-.00024	-.00082	.00447	.76968	.33167
.260	-1.089	-.01685	.00555	.01312	.00322	-.00043	-.00019	-.00078	.00477	.75079	.33464
.260	-.022	-.01486	.00579	.01208	.00227	-.00017	-.00019	-.00074	.00504	.70773	.35409
.260	.954	-.01362	.00605	.01152	.00147	.00000	-.00015	-.00069	.00536	.65333	.36924
.260	2.021	-.01195	.00620	.01066	.00080	.00018	-.00021	-.00060	.00559	.48427	.48501
.260	4.060	-.01089	.00631	.01013	.00092	.00009	-.00012	-.00054	.00577	.57784	.38879
.260	6.136	-.01318	.00637	.01127	.00205	-.00026	-.00007	-.00077	.00560	.74469	.31584
.260	8.183	-.01321	.00632	.01131	.00219	-.00034	-.00018	-.00114	.00518	.76774	.35166
.260	10.196	-.01407	.00625	.01187	.00416	-.00088	-.00020	-.00136	.00488	.80622	.32635
.260	12.306	-.01653	.00578	.01313	.00716	-.00168	-.00014	-.00153	.00425	.82277	.30484
.260	14.346	-.01823	.00543	.01392	.00814	-.00194	-.00024	-.00165	.00377	.82523	.31221
.260	16.418	-.02097	.00509	.01524	.00992	-.00238	-.00032	-.00174	.00335	.82678	.31425
.260	18.506	-.02343	.00479	.01648	.01074	-.00249	-.00050	-.00187	.00292	.82086	.32502
.260	20.549	-.02501	.00483	.01746	.01205	-.00284	-.00047	-.00187	.00295	.82350	.31903
.260	22.642	-.02521	.00530	.01795	.01249	-.00297	-.00048	-.00200	.00329	.82479	.31869
.260	24.681	-.02510	.00613	.01845	.01221	-.00297	-.00036	-.00216	.00396	.82891	.31243
.260	26.732	-.02428	.00721	.01863	.01043	-.00250	-.00030	-.00214	.00506	.82664	.31208
.260	28.763	-.02183	.00901	.01832	.00852	-.00228	.00016	-.00219	.00681	.84684	.27668
.260	30.709	-.01831	.01248	.01846	.00958	-.00362	.00197	-.00201	.01046	.92687	.14985
	GRADIENT	.00186	.00024	-.00093	-.00086	.00021	.00002	.00005	.00028	-.03574	.01402

OA37 B26 C9 F9 M7 W116 E37 V8 R5 (AF2026) (01 JUL 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 INCHES
LREF = 474.8000 INCHES YMRP = .0000 INCHES
BREF = 936.8000 INCHES ZMRP = 375.0000 INCHES
SCALE = .0300

PARAMETRIC DATA

BETA = .000 BDFLAP = -11.700
ELEVON = -20.000 AILRON = 5.000
RUDDER = .000 SPDBRK = 25.000

RUN NO. 26/ 0 RN/L = 1.85 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CNV	CAFV	CLMV	CYV	CYNV	CBLV	CABV	CAUV	XCPV	ZCPV
.260	-4.288	-.02213	.00436	.01612	.00759	-.00167	-.00027	-.00104	.00332	.81212	.31673
.260	-2.233	-.01619	.00536	.01309	.00425	-.00083	-.00015	-.00092	.00443	.79442	.31650
.260	-1.200	-.01412	.00584	.01205	.00311	-.00053	-.00012	-.00086	.00497	.77782	.31859
.260	-.143	-.01230	.00607	.01109	.00185	-.00021	-.00012	-.00078	.00528	.73587	.33983
.260	.839	-.01088	.00625	.01036	.00106	.00001	-.00014	-.00068	.00557	.64393	.39194
.260	1.909	-.01060	.00650	.01023	.00120	-.00010	.00000	-.00063	.00587	.71602	.28692
.260	3.958	-.00999	.00654	.00984	.00104	-.00008	.00002	-.00057	.00596	.70795	.27666
.260	6.016	-.01005	.00662	.00992	.00146	-.00023	.00001	-.00056	.00605	.76842	.28270
.260	8.035	-.01116	.00634	.01044	.00348	-.00085	.00013	-.00065	.00569	.82976	.26313
.260	10.100	-.01242	.00611	.01107	.00499	-.00129	.00014	-.00087	.00524	.83984	.26990
.260	12.184	-.01450	.00595	.01213	.00750	-.00201	.00021	-.00121	.00473	.84732	.26981
.260	14.235	-.01653	.00685	.01356	.00449	-.00097	.00008	-.00143	.00541	.80949	.27759
.260	16.299	-.01967	.00527	.01471	.01152	-.00308	.00014	-.00163	.00363	.84612	.28137
.260	18.332	-.02228	.00506	.01605	.01277	-.00338	.00008	-.00179	.00326	.84455	.28576
.260	20.424	-.02478	.00478	.01728	.01281	-.00322	-.00020	-.00192	.00286	.83496	.30245
.260	22.490	-.02450	.00558	.01753	.01082	-.00258	-.00028	-.00202	.00355	.82520	.30952
.260	24.543	-.02568	.00560	.01831	.01225	-.00300	-.00034	-.00212	.00348	.83006	.31111
.260	26.591	-.02486	.00659	.01842	.01107	-.00270	-.00022	-.00211	.00447	.82914	.30519
.260	28.622	-.02193	.00815	.01771	.00853	-.00207	-.00003	-.00206	.00608	.82831	.29336
.260	30.649	-.01740	.01063	.01647	.00496	-.00115	.00022	-.00199	.00864	.82099	.25801
	GRADIENT	.00145	.00026	-.00075	-.00079	.00019	.00003	.00006	.00032	-.01629	-.00341

OA37 B26 C9 F9 M7 W116 E37 V8 R5 (AF2027) (01 JUL 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 INCHES
LREF = 474.8000 INCHES YMRP = .0000 INCHES
BREF = 936.8000 INCHES ZMRP = 375.0000 INCHES
SCALE = .0300

PARAMETRIC DATA

BETA = .000 BOFLAP = -11.700
ELEVON = .000 AILRON = .000
RUDDER = .000 SPDBRK = 55.000

RUN NO. 27/ 0 RN/L = 1.85 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CNV	CAFV	CLMV	CYV	CYNV	CBLV	CABV	CAUV	XCPV	ZCPV
.260	-4.163	-.03101	.01907	.03385	.00419	-.00074	.00018	-.00078	.01828	.78123	.25779
.260	-2.087	-.02986	.01870	.03322	.00445	-.00089	.00031	-.00073	.01797	.79895	.23925
.260	-1.088	-.02793	.01943	.03237	.00129	.00001	.00025	-.00069	.01874	.64649	.15023
.260	-.079	-.02886	.01874	.03275	.00491	-.00111	.00044	-.00065	.01808	.81706	.22474
.260	.963	-.02849	.01870	.03249	.00505	-.00116	.00047	-.00061	.01809	.81967	.22269
.260	2.024	-.02819	.01864	.03238	.00581	-.00145	.00066	-.00056	.01807	.83433	.20780
.260	4.074	-.02715	.01862	.03177	.00563	-.00142	.00066	-.00050	.01811	.83583	.20556
.260	6.114	-.02720	.01891	.03189	.00563	-.00147	.00077	-.00072	.01818	.84240	.19069
.260	8.193	-.02338	.01963	.03004	.00148	-.00027	.00063	-.00112	.01850	.78706	-.01762
.260	10.252	-.02425	.01889	.03036	.00563	-.00161	.00081	-.00144	.01744	.85972	.18579
.260	12.313	-.02394	.01868	.02997	.00563	-.00155	.00074	-.00163	.01704	.85301	.19462
.260	14.350	-.02368	.01868	.02974	.00564	-.00158	.00075	-.00168	.01700	.85561	.19307
.260	16.439	-.02410	.01851	.02972	.00543	-.00149	.00070	-.00168	.01683	.85236	.19656
.260	18.511	-.02504	.01837	.03002	.00527	-.00141	.00064	-.00173	.01664	.84686	.20178
.260	20.573	-.02544	.01828	.03015	.00511	-.00133	.00061	-.00174	.01654	.84239	.20343
.260	22.631	-.02492	.01838	.02992	.00578	-.00159	.00071	-.00189	.01648	.85236	.20104
.260	24.698	-.02420	.01893	.03001	.00552	-.00149	.00065	-.00202	.01690	.84790	.20442
.260	26.721	-.02568	.01904	.03109	.00545	-.00144	.00057	-.00207	.01696	.84489	.21383
.260	28.770	-.02675	.01998	.03261	.00527	-.00142	.00064	-.00212	.01786	.84875	.20256
.260	30.713	-.02820	.02164	.03505	.00614	-.00188	.00099	-.00205	.01958	.87514	.17295
	GRADIENT	.00042	-.00006	-.00023	.00028	-.00012	.00007	.00004	-.00003	.01072	-.00460

OA37 B26 C9 F9 M7 W116 E37 V8 R5 (AF2028) (01 JUL 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 INCHES
LREF = 474.8000 INCHES YMRP = .0000 INCHES
BREF = 936.8000 INCHES ZMRP = 375.0000 INCHES
SCALE = .0300

PARAMETRIC DATA

ALPHA = .000 BDFLAP = -11.700
ELEVON = .000 AILRON = .000
RUDDER = .000 SPDBRK = 55.000

RUN NO. 28/ 0 RN/L = 1.85 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CNV	CAFV	CLMV	CYV	CYNV	CBLV	CABV	CAUV	XCPV	ZCPV
.260	-10.141	-.02000	.01573	.02432	.08830	-.03692	.02388	-.00113	.01460	.95573	.09431
.260	-8.158	-.02024	.01601	.02511	.07092	-.02955	.01916	-.00048	.01553	.95468	.09446
.260	-6.135	-.02159	.01746	.02823	.05196	-.02122	.01384	.00010	.01757	.94863	.09728
.260	-4.056	-.02160	.01811	.02888	.03370	-.01342	.00884	.00009	.01821	.94129	.10021
.260	-2.073	-.02201	.01907	.02960	.01743	-.00651	.00421	-.00034	.01873	.92353	.11529
.260	-.055	-.02488	.01902	.03113	.00461	-.00117	.00049	-.00065	.01837	.83624	.21227
.260	1.977	-.02096	.01848	.02892	-.00772	.00398	-.00309	-.00057	.01791	1.02632	-.00026
.260	4.000	-.01995	.01852	.02808	-.02215	.01021	-.00749	-.00007	.01844	.98677	.04508
.260	6.033	-.01966	.01814	.02737	-.04101	.01817	-.01267	.00014	.01829	.97391	.06633
.260	8.062	-.01777	.01609	.02409	-.05997	.02640	-.01799	.00024	.01633	.97170	.07282
.260	10.079	-.01659	.01473	.02222	-.07811	.03408	-.02290	.00033	.01507	.96894	.07777
	GRADIENT	.00022	.00001	-.00011	-.00679	.00286	-.00198	-.00003	-.00002	.00967	-.01126

OA37 B26 C9 F9 M7 W116 E37 V8 R5 (AF2029) (01 JUL 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 INCHES
LREF = 474.8000 INCHES YMRP = .0000 INCHES
BREF = 936.8000 INCHES ZMRP = 375.0000 INCHES
SCALE = .0300

PARAMETRIC DATA

ALPHA = 10.000 BDFLAP = -11.700
ELEVON = .000 AILRON = .000
RUDDER = .000 SPDBRK = 55.000

RUN NO. 29/ 0 RN/L = 1.85 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CNV	CAFV	CLMV	CYV	CYNV	CBLV	CABV	CAUV	XCPV	ZCPV
.260	-10.159	-.01609	.01218	.01856	.08397	-.03526	.02292	-.00103	.01115	.95701	.09246
.260	-8.141	-.01592	.01353	.02012	.06622	-.02775	.01814	-.00043	.01310	.95643	.09171
.260	-6.118	-.01663	.01566	.02295	.04587	-.01920	.01283	.00019	.01586	.95606	.08757
.260	-4.045	-.01735	.01738	.02501	.03004	-.01236	.00836	-.00015	.01723	.95100	.08856
.260	-2.077	-.02114	.01869	.02826	.01539	-.00611	.00403	-.00097	.01771	.94027	.10044
.260	-.079	-.02091	.01946	.02897	.00357	-.00110	.00059	-.00145	.01800	.87753	.16882
.260	1.983	-.02162	.01909	.02897	-.00773	.00369	-.00282	-.00098	.01810	.99926	.02554
.260	3.991	-.01853	.01778	.02626	-.02182	.00978	-.00712	-.00021	.01756	.97774	.05373
.260	6.049	-.01623	.01680	.02400	-.03761	.01665	-.01161	.00040	.01721	.97354	.06648
.260	8.058	-.01479	.01388	.02061	-.05715	.02496	-.01686	.00055	.01443	.96926	.07639
.260	10.090	-.01369	.01240	.01868	-.07448	.03228	-.02161	.00049	.01290	.96679	.07999
	GRADIENT	-.00014	.00006	.00016	-.00630	.00269	-.00188	-.00001	.00005	.00568	-.00729

OA37 B26 C9 F9 M7 W116 E37 V8 R5 (AF2030) (01 JUL 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 INCHES
LREF = 474.8000 INCHES YMRP = .0000 INCHES
BREF = 936.8000 INCHES ZMRP = 375.0000 INCHES
SCALE = .0300

PARAMETRIC DATA

ALPHA = 15.000 BDFLAP = -11.700
ELEVON = .000 AILRON = .000
RUDDER = .000 SPDBRK = 55.000

RUN NO. 30/ 0 RN/L = 1.85 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CNV	CAFV	CLMV	CYV	CYNV	CBLV	CABV	CAUV	XCPV	ZCPV
.260	-10.148	-.01172	.01117	.01515	.08306	-.03581	.02343	-.00070	.01047	.96517	.08585
.260	-8.134	-.01330	.01359	.01868	.06352	-.02733	.01812	-.00012	.01346	.96449	.08356
.260	-6.136	-.01551	.01692	.02335	.04424	-.01894	.01283	.00017	.01709	.96296	.07999
.260	-4.094	-.01837	.01782	.02559	.02863	-.01215	.00828	-.00037	.01745	.96025	.08047
.260	-2.046	-.02026	.01896	.02773	.01451	-.00589	.00393	-.00126	.01770	.94680	.09385
.260	-.048	-.01995	.01941	.02803	.00246	-.00081	.00052	-.00170	.01771	.89319	.13549
.260	1.985	-.02066	.01914	.02820	-.00855	.00392	-.00286	-.00137	.01777	.98473	.04717
.260	4.002	-.01942	.01792	.02675	-.02179	.00987	-.00721	-.00069	.01723	.98105	.05037
.260	6.050	-.01652	.01704	.02455	-.03923	.01730	-.01212	.00004	.01708	.97239	.06619
.260	8.063	-.01231	.01252	.01855	-.05854	.02570	-.01744	.00057	.01309	.97089	.07437
.260	10.081	-.01075	.00989	.01529	-.07950	.03471	-.02298	.00073	.01062	.96917	.08078
	GRADIENT	-.00012	.00002	.00014	-.00613	.00266	-.00187	-.00004	-.00002	.00394	-.00529

OA37 B26 C9 F9 M7 W116 E37 V8 R5 (AF2031) (01 JUL 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 INCHES
LREF = 474.8000 INCHES YMRP = .0000 INCHES
BREF = 936.8000 INCHES ZMRP = 375.0000 INCHES
SCALE = .0300

PARAMETRIC DATA

ALPHA = 20.000 BDFLAP = -11.700
ELEVON = .000 AILRON = .000
RUDDER = .000 SPDBRK = 55.000

RUN NO. 31/ 0 RN/L = 1.85 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CNV	CAFV	CLMV	CYV	CYNV	CBLV	CABV	CAUV	XCPV	ZCPV
.260	-10.118	-.01046	.01145	.01464	.09231	-.04013	.02586	-.00084	.01061	.96776	.08721
.260	-8.120	-.01232	.01478	.01948	.06684	-.02906	.01945	.00037	.01515	.96779	.07935
.260	-6.097	-.01777	.01845	.02555	.04418	-.01934	.01338	-.00071	.01773	.96994	.07068
.260	-4.044	-.01901	.01902	.02670	.02828	-.01215	.00839	-.00117	.01784	.96405	.07526
.260	-2.056	-.01932	.01882	.02687	.01342	-.00558	.00382	-.00150	.01732	.95443	.08396
.260	-.018	-.02018	.01915	.02778	.00214	-.00060	.00034	-.00173	.01742	.85579	.17379
.260	2.011	-.01869	.01901	.02664	-.00867	.00417	-.00308	-.00180	.01721	1.00150	.03212
.260	4.050	-.01702	.01831	.02539	-.02218	.01036	-.00754	-.00151	.01680	.99132	.04362
.260	6.087	-.01603	.01849	.02544	-.03804	.01734	-.01231	-.00069	.01779	.98306	.05568
.260	8.081	-.01257	.01484	.02048	-.05931	.02664	-.01835	.00031	.01515	.97831	.06598
.260	10.110	-.00801	.01018	.01403	-.08271	.03655	-.02442	.00075	.01094	.97301	.07626
	GRADIENT	.00023	-.00006	-.00014	-.00607	.00270	-.00191	-.00005	-.00011	.00504	-.00571

OA37 B26 C9 F9 H7 W116 E37 V8 R5 (AF2032) (01 JUL 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 INCHES
LREF = 474.8000 INCHES YMRP = .0000 INCHES
BREF = 936.8000 INCHES ZMRP = 375.0000 INCHES
SCALE = .0300

PARAMETRIC DATA

BETA = .000 BDFLAP = .000
ELEVON = .000 AILRON = .000
RUDDER = .000 SPDBRK = 55.000

RUN NO. 32/ 0 RN/L = 1.85 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CNV	CAFV	CLMV	CYV	CYNV	CBLV	CABV	CAUV	XCPV	ZCPV
.260	-4.109	-.03172	.01947	.03474	.00466	-.00096	.00044	-.00080	.01867	.80144	.22088
.260	-2.076	-.02959	.01934	.03376	.00433	-.00090	.00041	-.00073	.01861	.80285	.22069
.260	-1.040	-.02915	.01925	.03350	.00459	-.00099	.00046	-.00068	.01856	.80982	.21683
.260	.013	-.02882	.01926	.03332	.00501	-.00117	.00057	-.00067	.01859	.82211	.20707
.260	1.019	-.02813	.01932	.03303	.00506	-.00121	.00063	-.00062	.01870	.82621	.19975
.260	2.065	-.02798	.01938	.03296	.00516	-.00125	.00067	-.00057	.01881	.82850	.19624
.260	4.094	-.02771	.01939	.03287	.00549	-.00139	.00077	-.00050	.01888	.83661	.18781
.260	6.142	-.02687	.01924	.03224	.00507	-.00134	.00079	-.00074	.01850	.84436	.17655
.260	8.213	-.02555	.01941	.03163	.00466	-.00126	.00072	-.00109	.01832	.84807	.17830
.260	10.265	-.02409	.01951	.03090	.00525	-.00147	.00085	-.00140	.01811	.85659	.17195
.260	12.319	-.02366	.01946	.03052	.00513	-.00143	.00084	-.00162	.01784	.85497	.17180
.260	14.413	-.02366	.01939	.03040	.00509	-.00141	.00080	-.00166	.01773	.85361	.17658
.260	16.480	-.02411	.01932	.03049	.00496	-.00132	.00068	-.00168	.01764	.84612	.19098
.260	18.545	-.02475	.01911	.03060	.00428	-.00107	.00057	-.00172	.01738	.83456	.19336
.260	20.626	-.02506	.01892	.03054	.00444	-.00114	.00061	-.00174	.01718	.83948	.18978
.260	22.671	-.02398	.01914	.03005	.00465	-.00119	.00058	-.00186	.01728	.83879	.19935
.260	24.751	-.02380	.01964	.03046	.00446	-.00108	.00049	-.00196	.01768	.82832	.20969
.260	26.777	-.02528	.01991	.03164	.00353	-.00071	.00024	-.00203	.01788	.79829	.23984
.260	28.808	-.02708	.02064	.03342	.00390	-.00092	.00044	-.00204	.01860	.82480	.20799
.260	30.751	-.02847	.02243	.03585	.00480	-.00142	.00083	-.00209	.02034	.86734	.16499
	GRADIENT	.00047	-.00000	-.00022	.00013	-.00006	.00005	.00004	.00003	.00483	-.00460

OA37 B26 C9 F9 M7 W116 E37 V8 R5 (AF2033) (01 JUL 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 INCHES
LREF = 474.8000 INCHES YMRP = .0000 INCHES
BREF = 936.8000 INCHES ZMRP = 375.0000 INCHES
SCALE = .0300

PARAMETRIC DATA

BETA = .000 BDFLAP = 16.300
ELEVON = .000 AILRON = .000
RUDDER = .000 SPDBRK = 55.000

RUN NO. 33/ 0 RN/L = 1.85 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CNV	CAFV	CLMV	CYV	CYNV	CBLV	CABV	CAUV	XCPV	ZCPV
.260	-4.111	-.02711	.02076	.03341	.00355	-.00073	.00033	-.00076	.02000	.80226	.22257
.260	-2.042	-.02615	.02087	.03303	.00339	-.00076	.00037	-.00071	.02015	.81575	.20968
.260	-1.017	-.02587	.02079	.03288	.00350	-.00085	.00045	-.00069	.02009	.82817	.19630
.260	.036	-.02537	.02089	.03272	.00374	-.00095	.00052	-.00068	.02021	.83630	.18924
.260	1.057	-.02524	.02105	.03278	.00399	-.00106	.00060	-.00062	.02043	.84536	.18140
.260	2.084	-.02486	.02104	.03255	.00361	-.00092	.00051	-.00057	.02046	.83825	.18766
.260	4.145	-.02480	.02102	.03253	.00375	-.00103	.00059	-.00053	.02048	.85254	.17535
.260	6.195	-.02424	.02090	.03211	.00356	-.00106	.00065	-.00076	.02013	.86793	.15792
.260	8.234	-.02227	.02097	.03105	.00330	-.00101	.00065	-.00100	.01997	.87488	.14730
.260	10.309	-.02113	.02093	.03040	.00357	-.00112	.00068	-.00122	.01970	.87951	.15063
.260	12.373	-.02063	.02103	.03005	.00350	-.00110	.00070	-.00139	.01963	.88123	.14449
.260	14.397	-.02099	.02095	.03016	.00334	-.00102	.00064	-.00151	.01943	.87494	.15074
.260	16.451	-.02134	.02077	.03011	.00342	-.00106	.00065	-.00155	.01922	.87735	.15075
.260	18.571	-.02221	.02052	.03024	.00268	-.00075	.00043	-.00169	.01883	.85607	.17259
.260	20.615	-.02242	.02019	.03007	.00280	-.00081	.00047	-.00177	.01841	.86302	.16628
.260	22.715	-.02140	.02051	.02972	.00266	-.00072	.00038	-.00188	.01863	.84858	.18604
.260	24.760	-.02160	.02089	.03023	.00247	-.00061	.00029	-.00190	.01899	.83137	.20547
.260	26.773	-.02301	.02127	.03145	.00213	-.00044	.00014	-.00196	.01930	.80200	.24196
.260	28.842	-.02520	.02224	.03367	.00219	-.00056	.00031	-.00206	.02018	.83869	.18538
.260	30.782	-.02625	.02344	.03549	.00213	-.00059	.00035	-.00206	.02138	.85295	.17123
	GRADIENT	.00029	.00004	-.00011	.00004	-.00004	.00003	.00003	.00007	.00608	-.00572

OA37 B26 C9 F9 M7 W116 E37 V8 R5 (AF2034) [01 JUL 74]

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 INCHES
LREF = 474.8000 INCHES YMRP = .0000 INCHES
BREF = 936.8000 INCHES ZMRP = 375.0000 INCHES
SCALE = .0300

PARAMETRIC DATA

BETA = .000 BDFLAP = -11.700
ELEVON = 15.000 AILRON = .000
RUDDER = .000 SPOBRK = 55.000

RUN NO. 34/ 0 RN/L = 1.85 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CNV	CAFV	CLMV	CYV	CYNV	CBLV	CABV	CAUV	XCPV	ZCPV
.260	-4.019	-.02890	.01963	.03321	.00434	-.00080	.00027	-.00076	.01887	.78722	.24391
.260	-1.962	-.02787	.01917	.03254	.00463	-.00097	.00043	-.00068	.01848	.80492	.22203
.260	-.948	-.02721	.01894	.03211	.00446	-.00093	.00041	-.00063	.01830	.80457	.22384
.260	.112	-.02761	.01879	.03224	.00520	-.00115	.00048	-.00060	.01819	.81279	.22252
.260	1.161	-.02664	.01862	.03166	.00471	-.00108	.00052	-.00056	.01806	.81862	.20931
.260	2.162	-.02641	.01864	.03160	.00468	-.00109	.00054	-.00050	.01814	.82116	.20682
.260	4.180	-.02631	.01847	.03141	.00488	-.00121	.00064	-.00045	.01801	.83252	.19537
.260	6.260	-.02579	.01849	.03101	.00500	-.00131	.00073	-.00068	.01781	.84214	.18394
.260	8.289	-.02536	.01848	.03062	.00428	-.00114	.00070	-.00112	.01736	.84688	.17149
.260	10.389	-.02551	.01826	.03054	.00454	-.00121	.00065	-.00155	.01670	.84631	.18574
.260	12.427	-.02576	.01819	.03052	.00466	-.00126	.00068	-.00174	.01644	.84840	.18365
.260	14.466	-.02547	.01814	.03027	.00450	-.00121	.00065	-.00171	.01643	.84726	.18522
.260	16.536	-.02549	.01806	.03015	.00444	-.00114	.00059	-.00163	.01642	.83851	.19273
.260	18.647	-.02511	.01789	.02991	.00417	-.00102	.00055	-.00156	.01633	.83137	.19469
.260	20.696	-.02483	.01778	.02959	.00414	-.00100	.00052	-.00159	.01619	.82856	.19916
.260	22.751	-.02392	.01813	.02924	.00452	-.00110	.00052	-.00177	.01635	.82869	.20649
.260	24.805	-.02431	.01848	.02982	.00355	-.00074	.00031	-.00192	.01655	.80494	.22682
.260	26.788	-.02555	.01954	.03154	.00383	-.00090	.00045	-.00195	.01758	.82381	.20505
.260	28.807	-.02671	.02130	.03395	.00409	-.00118	.00067	-.00203	.01926	.86162	.17130
.260	30.717	-.02753	.02373	.03664	.00379	-.00100	.00059	-.00190	.02182	.84452	.17751
	GRADIENT	.00032	-.00014	-.00022	.00006	-.00005	.00004	.00004	-.00010	.00528	-.00554

OA37 B26 C9 F9 M7 W116 E37 V8 R5 (AF2036) (01 JUL 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 INCHES
LREF = 474.8000 INCHES YMRP = .0000 INCHES
BREF = 936.8000 INCHES ZMRP = 375.0000 INCHES
SCALE = .0350

PARAMETRIC DATA

BETA = .000 BDFLAP = -11.700
ELEVON = .000 AILRON = .000
RUDDER = .000 SPDBRK = 85.000

RUN NO. 36/ 0 RN/L = 1.85 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CNV	CAFV	CLMV	CYV	CYNV	CBLV	CABV	CAUV	XCPV	ZCPV
.260	-4.168	-.03974	.03439	.05360	.00422	-.00095	.00039	-.00071	.03368	.81560	.22322
.260	-2.120	-.03900	.03383	.05304	.00505	-.00128	.00056	-.00063	.03320	.83695	.20995
.260	-1.079	-.03817	.03354	.05246	.00491	-.00127	.00056	-.00059	.03295	.83994	.20686
.260	-.038	-.03863	.03348	.05279	.00607	-.00157	.00066	-.00056	.03292	.83990	.21067
.260	.948	-.03772	.03353	.05234	.00475	-.00125	.00056	-.00051	.03301	.84307	.20378
.260	1.984	-.03722	.03346	.05214	.00534	-.00146	.00067	-.00048	.03298	.85072	.19852
.260	4.049	-.03648	.03323	.05156	.00469	-.00127	.00060	-.00038	.03284	.84873	.19640
.260	6.114	-.03610	.03328	.05120	.00511	-.00145	.00073	-.00058	.03269	.85834	.18676
.260	8.182	-.03528	.03358	.05088	.00480	-.00145	.00078	-.00100	.03258	.87252	.17192
.260	10.238	-.03464	.03377	.05063	.00474	-.00146	.00074	-.00143	.03234	.87578	.17614
.260	12.304	-.03404	.03393	.05041	.00467	-.00141	.00073	-.00165	.03228	.87262	.17606
.260	14.371	-.03407	.03383	.05022	.00483	-.00148	.00076	-.00172	.03211	.87569	.17626
.260	16.423	-.03444	.03376	.05030	.00425	-.00130	.00067	-.00169	.03206	.87407	.17583
.260	18.492	-.03484	.03369	.05044	.00417	-.00122	.00062	-.00163	.03205	.86534	.18205
.260	20.572	-.03447	.03367	.05013	.00486	-.00142	.00073	-.00162	.03205	.86502	.18042
.260	22.641	-.03410	.03358	.04971	.00402	-.00116	.00056	-.00178	.03180	.86256	.18965
.260	24.693	-.03373	.03356	.04942	.00419	-.00121	.00057	-.00194	.03162	.86149	.19142
.260	26.737	-.03443	.03384	.05001	.00404	-.00115	.00055	-.00196	.03188	.85938	.19195
.260	28.761	-.03406	.03430	.05025	.00375	-.00108	.00051	-.00199	.03231	.86105	.19060
.260	30.707	-.03531	.03638	.05280	.00356	-.00107	.00057	-.00197	.03441	.87058	.17445
	GRADIENT	.00040	-.00013	-.00023	.00005	-.00004	.00002	.00004	-.00009	.00379	-.00309

OA37 B26 C9 F9 M7 W116 E37 V8 R5 (AF2037) (01 JUL 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 INCHES
LREF = 474.8000 INCHES YMRP = .0000 INCHES
BREF = 936.8000 INCHES ZMRP = 375.0000 INCHES
SCALE = .0300

PARAMETRIC DATA

ALPHA = .000 BDFLAP = -11.700
ELEVON = .000 AILRON = .000
RUDDER = .000 SPDBRK = 85.000

RUN NO. 37/ 0 RN/L = 1.85 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CNV	CAFV	CLMV	CYV	CYNV	CBLV	CABV	CAUV	XCPV	ZCPV
.260	-10.147	-.02655	.02757	.03930	.08571	-.03605	.02327	-.00106	.02650	.95745	.09350
.260	-8.143	-.02881	.02982	.04350	.06861	-.02879	.01864	-.00029	.02952	.95679	.09336
.260	-6.125	-.02997	.03157	.04670	.04922	-.02041	.01333	.00023	.03181	.95314	.09397
.260	-4.066	-.03125	.03390	.04966	.03050	-.01234	.00818	.00023	.03413	.94588	.09580
.260	-2.058	-.03131	.03392	.04950	.01474	-.00560	.00365	-.00020	.03371	.92793	.11062
.260	-.070	-.03357	.03353	.05063	.00352	-.00098	.00044	-.00055	.03298	.85532	.19881
.260	1.977	-.03000	.03287	.04844	-.00813	.00375	-.00277	-.00050	.03237	.98692	.04329
.260	4.010	-.02927	.03280	.04783	-.02264	.00995	-.00708	.00000	.03280	.97106	.06346
.260	6.038	-.02753	.03100	.04472	-.04198	.01822	-.01247	.00029	.03129	.96733	.07489
.260	8.061	-.02484	.02835	.04041	-.06135	.02660	-.01783	.00039	.02874	.96690	.07961
.260	10.070	-.02264	.02579	.03692	-.08102	.03497	-.02316	.00048	.02627	.96549	.08311
	GRADIENT	.00026	-.00016	-.00024	-.00640	.00267	-.00183	-.00004	-.00020	.00549	-.00662

OA37 B26 C9 F9 M7 W116 E37 V8 R5 (AF2038) (01 JUL 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 INCHES
LREF = 474.8000 INCHES YMRP = .0000 INCHES
BREF = 936.8000 INCHES ZMRP = 375.0000 INCHES
SCALE = .0300

PARAMETRIC DATA

ALPHA = 10.000 BDFLAP = -11.700
ELEVON = .000 AILRON = .000
RUDDER = .000 SPDBRK = 85.000

RUN NO. 38/ 0 RN/L = 1.85 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CNV	CAFV	CLMV	CYV	CYNV	CBLV	CABV	CAUV	XCPV	ZCPV
.260	-10.124	-.02374	.02493	.03490	.07939	-.03337	.02168	-.00100	.02392	.95727	.09240
.260	-8.121	-.02495	.02771	.03881	.06156	-.02600	.01710	-.00036	.02734	.95879	.08894
.260	-6.118	-.02560	.02975	.04194	.04273	-.01803	.01218	.00027	.03003	.95860	.08363
.260	-4.045	-.02615	.03131	.04395	.02623	-.01096	.00758	-.00019	.03112	.95560	.08060
.260	-2.082	-.02966	.03289	.04727	.01256	-.00512	.00354	-.00105	.03184	.94792	.08607
.260	-.034	-.03066	.03409	.04891	.00173	-.00064	.00044	-.00143	.03266	.92053	.10468
.260	1.984	-.03058	.03391	.04866	-.00860	.00363	-.00259	-.00102	.03288	.95905	.07165
.260	4.006	-.02751	.03298	.04649	-.02173	.00929	-.00658	-.00023	.03275	.96237	.07086
.260	6.054	-.02565	.03258	.04448	-.03748	.01659	-.01154	.00048	.03257	.96380	.07681
.260	8.058	-.02287	.02770	.03886	-.05677	.02428	-.01619	.00068	.02838	.96271	.08356
.260	10.090	-.02099	.02454	.03456	-.07384	.03156	-.02088	.00058	.02512	.96249	.08533
	GRADIENT	-.00018	.00022	.00032	-.00580	.00244	-.00171	-.00000	.00021	.00123	-.00169

OA37 B26 C9 F9 M7 W116 E37 V8 R5 (AF2039) (01 JUL 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 INCHES
LREF = 474.6000 INCHES YMRP = .0000 INCHES
BREF = 936.8000 INCHES ZMRP = 375.0000 INCHES
SCALE = .0300

PARAMETRIC DATA

ALPHA = 15.000 BDFLAP = -11.700
ELEVON = .000 AILRON = .000
RUDDER = .000 SPDBRK = 85.000

RUN NO. 39/ 0 RN/L = 1.85 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CNV	CAFV	CLMV	CYV	CYNV	CBLV	CABV	CAUV	XCPV	ZCPV
.260	-10.117	-.01950	.02439	.03197	.07778	-.03347	.02195	-.00067	.02372	.96452	.08574
.260	-8.119	-.02184	.02824	.03770	.05944	-.02563	.01714	-.00006	.02817	.96520	.08121
.260	-6.086	-.02440	.03169	.04298	.03936	-.01701	.01174	.00016	.03185	.96593	.07398
.260	-4.093	-.02716	.03224	.04488	.02467	-.01061	.00747	-.00061	.03163	.96432	.07081
.260	-2.025	-.02933	.03339	.04729	.01087	-.00467	.00333	-.00125	.03213	.96420	.06790
.260	-.068	-.03001	.03438	.04852	.00046	-.00031	.00031	-.00170	.03268	1.14781	-.20313
.260	1.980	-.03002	.03416	.04827	-.00947	.00388	-.00266	-.00142	.03273	.94991	.08659
.260	4.017	-.02810	.03313	.04678	-.02258	.00953	-.00668	-.00079	.03234	.95847	.07571
.260	6.060	-.02608	.03294	.04610	-.03774	.01604	-.01105	.00000	.03295	.96082	.07803
.260	8.048	-.02092	.02819	.03860	-.05675	.02439	-.01634	.00066	.02886	.96411	.08157
.260	10.086	-.01767	.02276	.03165	-.07787	.03326	-.02174	.00086	.02362	.96221	.08795
	GRADIENT	-.00013	.00013	.00024	-.00568	.00241	-.00170	-.00003	.00010	-.00142	.00161

OA37 B26 C9 F9 M7 W116 E37 V8 R5 (AF2040) (01 JUL 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 INCHES
LREF = 474.6000 INCHES YMRP = .0000 INCHES
BREF = 936.8000 INCHES ZMRP = 375.0000 INCHES
SCALE = .0300

PARAMETRIC DATA

ALPHA = 20.000 BDFLAP = -11.700
ELEVON = .000 AILRON = .000
RUDDER = .000 SPDBRK = 85.000

RUN NO. 40/ 0 RN/L = 1.85 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CNV	CAFV	CLMV	CYV	CYNV	CBLV	CABV	CAUV	XCPV	ZCPV
.260	-10.134	-.02018	.02545	.03322	.08786	-.03784	.02437	-.00082	.02462	.96483	.08920
.260	-8.135	-.02356	.02972	.04056	.06023	-.02616	.01768	.00032	.03005	.96744	.07744
.260	-6.112	-.02947	.03378	.04733	.03978	-.01724	.01201	-.00092	.03285	.96677	.07131
.260	-4.030	-.03056	.03422	.04814	.02555	-.01095	.00770	-.00106	.03316	.96325	.07187
.260	-2.061	-.03110	.03395	.04844	.01208	-.00500	.00348	-.00145	.03250	.95292	.08105
.260	-.043	-.03173	.03431	.04909	.00203	-.00065	.00047	-.00161	.03269	.88463	.12251
.260	1.984	-.03064	.03394	.04795	-.00651	.00314	-.00235	-.00173	.03220	1.00328	.02808
.260	4.008	-.02974	.03425	.04798	-.01882	.00857	-.00625	-.00166	.03259	.98287	.04930
.260	6.071	-.02810	.03409	.04760	-.03361	.01509	-.01074	-.00089	.03311	.97819	.05853
.260	8.080	-.02419	.02978	.04184	-.05458	.02417	-.01658	.00027	.03005	.97367	.07006
.260	10.084	-.01856	.02350	.03281	-.07890	.03447	-.02280	.00084	.02435	.96928	.08083
	GRADIENT	.00011	.00000	-.00004	-.00533	.00234	-.00168	-.00007	-.00007	.00449	-.00491

OA37 B26 C9 F9 M7 W16 E37 V8 R5 (AF2041) (01 JUL 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 INCHES
LREF = 474.8000 INCHES YMRP = .0000 INCHES
BREF = 936.8000 INCHES ZMRP = 375.0000 INCHES
SCALE = .0300

PARAMETRIC DATA

BETA = .000 BDFLAP = .000
ELEVON = .000 AILRON = .000
RUDDER = .000 SPOBRK = 85.000

RUN NO. 41/ 0 RN/L = 1.85 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CNV	CAFV	CLMV	CYV	CYNV	CBLV	CABV	CAUV	XCPV	ZCPV
.260	-4.152	-.03650	.03391	.05203	.00463	-.00118	.00063	-.00071	.03319	.83758	.19145
.260	-2.094	-.03565	.03358	.05163	.00457	-.00120	.00066	-.00062	.03295	.84279	.18467
.260	-1.083	-.03563	.03367	.05174	.00460	-.00123	.00067	-.00058	.03309	.84599	.18454
.260	-.021	-.03531	.03349	.05145	.00404	-.00107	.00060	-.00056	.03293	.84441	.18230
.260	.981	-.03512	.03365	.05148	.00385	-.00101	.00060	-.00051	.03314	.84407	.17741
.260	2.016	-.03507	.03363	.05142	.00451	-.00126	.00072	-.00048	.03314	.85533	.17385
.260	4.091	-.03493	.03350	.05120	.00426	-.00120	.00072	-.00040	.03309	.85790	.16728
.260	6.123	-.03454	.03395	.05113	.00430	-.00123	.00074	-.00059	.03335	.86006	.16490
.260	8.192	-.03402	.03425	.05110	.00394	-.00121	.00078	-.00101	.03324	.87517	.14651
.260	10.261	-.03296	.03447	.05067	.00387	-.00119	.00076	-.00141	.03306	.87649	.14712
.260	12.321	-.03225	.03457	.05029	.00353	-.00109	.00070	-.00163	.03294	.87700	.14595
.260	14.385	-.03223	.03465	.05029	.00370	-.00118	.00076	-.00167	.03297	.88454	.14046
.260	16.408	-.03271	.03455	.05038	.00344	-.00109	.00071	-.00166	.03289	.88297	.14105
.260	18.526	-.03363	.03440	.05066	.00298	-.00088	.00057	-.00163	.03276	.86696	.14994
.260	20.598	-.03304	.03422	.05000	.00296	-.00087	.00058	-.00158	.03263	.86748	.14788
.260	22.655	-.03288	.03396	.04961	.00289	-.00084	.00054	-.00177	.03219	.86393	.15312
.260	24.710	-.03242	.03419	.04946	.00289	-.00078	.00044	-.00189	.03229	.84891	.17852
.260	26.759	-.03366	.03459	.05037	.00240	-.00063	.00036	-.00193	.03266	.84229	.17985
.260	28.758	-.03463	.03521	.05148	.00310	-.00093	.00054	-.00194	.03327	.87094	.16271
.260	30.711	-.03547	.03732	.05385	.00279	-.00088	.00061	-.00197	.03534	.88104	.13131
	GRADIENT	.00018	-.00004	-.00009	-.00005	.00000	.00001	.00004	.00000	.00241	-.00290

OA37 B26 C9 F9 M7 W116 E37 V8 R5 (AF2042) (01 JUL 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 INCHES
LREF = 474.8000 INCHES YMRP = .0000 INCHES
BREF = 936.8000 INCHES ZMRP = 375.0000 INCHES
SCALE = .0300

PARAMETRIC DATA

BETA = .000 BDFLAP = 16.300
ELEVON = .000 AILRON = .000
RUDDER = .000 SPDBRK = 85.000

RUN NO. 42/ 0 RN/L = 1.85 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CNV	CAFV	CLMV	CYV	CYNV	CBLV	CABV	CAUV	XCPV	ZCPV
.260	-4.136	-.03679	.03483	.05317	.00364	-.00088	.00046	-.00065	.03417	.82879	.19734
.260	-2.074	-.03637	.03468	.05299	.00342	-.00087	.00047	-.00058	.03410	.83723	.19032
.260	-1.067	-.03581	.03453	.05260	.00375	-.00099	.00055	-.00054	.03399	.84491	.18330
.260	-.005	-.03560	.03471	.05261	.00364	-.00100	.00057	-.00050	.03421	.85135	.17530
.260	.986	-.03528	.03466	.05241	.00344	-.00095	.00056	-.00047	.03418	.85279	.17070
.260	2.039	-.03529	.03474	.05248	.00343	-.00094	.00055	-.00041	.03432	.85094	.17317
.260	4.094	-.03479	.03466	.05207	.00376	-.00105	.00063	-.00038	.03428	.85614	.16768
.260	6.154	-.03479	.03501	.05219	.00364	-.00111	.00069	-.00060	.03440	.87319	.15311
.260	8.197	-.03308	.03500	.05122	.00314	-.00099	.00064	-.00100	.03399	.88150	.14187
.260	10.253	-.03156	.03512	.05047	.00342	-.00108	.00071	-.00135	.03377	.88255	.13802
.260	12.308	-.03129	.03517	.05030	.00346	-.00112	.00071	-.00155	.03362	.88739	.14098
.260	14.397	-.03150	.03505	.05028	.00347	-.00110	.00070	-.00161	.03344	.88379	.14274
.260	16.463	-.03185	.03507	.05031	.00305	-.00098	.00065	-.00161	.03345	.88709	.13495
.260	18.509	-.03260	.03462	.05024	.00258	-.00080	.00051	-.00165	.03296	.87868	.14670
.260	20.602	-.03299	.03478	.05042	.00246	-.00075	.00050	-.00165	.03312	.87332	.14343
.260	22.668	-.03277	.03480	.05025	.00270	-.00085	.00053	-.00180	.03299	.87998	.14761
.260	24.723	-.03208	.03496	.04996	.00254	-.00070	.00039	-.00186	.03309	.85405	.17870
.260	26.774	-.03383	.03547	.05127	.00251	-.00073	.00041	-.00190	.03357	.86568	.16952
.260	28.791	-.03500	.03630	.05263	.00274	-.00087	.00052	-.00193	.03436	.88251	.15249
.260	30.764	-.03596	.03861	.05534	.00255	-.00065	.00047	-.00197	.03664	.88298	.12333
	GRADIENT	.00025	-.00001	-.00013	.00000	-.00002	.00002	.00003	.00002	.00335	-.00383

OA37 B26 C9 F9 M7 W116 E37 V8 R5 (AF2043) (01 JUL 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 INCHES
LREF = 474.8000 INCHES YMRP = .0000 INCHES
BREF = 936.8000 INCHES ZMRP = 375.0000 INCHES
SCALE = .0300

PARAMETRIC DATA

BETA = .000 BDFLAP = -11.700
ELEVON = 15.000 AILRON = .000
RUDDER = .000 SPDBRK = 85.000

RUN NO. 43/ 0 RN/L = 1.85 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CNV	CAFV	CLMV	CYV	CYNV	CBLV	CABV	CAUV	XCPV	ZCPV
.260	-4.048	-.03856	.03416	.05389	.00488	-.00120	.00058	-.00067	.03349	.83062	.20436
.260	-1.980	-.03719	.03355	.05269	.00492	-.00126	.00067	-.00059	.03295	.83878	.19179
.260	-.984	-.03706	.03353	.05272	.00469	-.00120	.00063	-.00055	.03297	.83904	.19191
.260	.093	-.03663	.03331	.05230	.00493	-.00129	.00071	-.00052	.03279	.84281	.18543
.260	1.106	-.03604	.03324	.05188	.00503	-.00135	.00074	-.00048	.03276	.84811	.18324
.260	2.148	-.03616	.03321	.05196	.00453	-.00120	.00068	-.00043	.03277	.84464	.18038
.260	4.197	-.03538	.03294	.05133	.00455	-.00126	.00075	-.00037	.03256	.85317	.17049
.260	6.258	-.03539	.03280	.05106	.00438	-.00122	.00073	-.00057	.03222	.85459	.16820
.260	8.300	-.03502	.03294	.05069	.00407	-.00118	.00076	-.00098	.03195	.86292	.15507
.260	10.328	-.03570	.03288	.05090	.00407	-.00118	.00073	-.00138	.03149	.86325	.15965
.260	12.436	-.03713	.03304	.05182	.00607	-.00172	.00089	-.00159	.03145	.85817	.18417
.260	14.504	-.03573	.03312	.05106	.00384	-.00113	.00073	-.00156	.03156	.86552	.15193
.260	16.548	-.03546	.03301	.05081	.00411	-.00120	.00075	-.00149	.03151	.86431	.15689
.260	18.653	-.03549	.03309	.05097	.00347	-.00099	.00064	-.00144	.03165	.86026	.15579
.260	20.669	-.03490	.03299	.05048	.00365	-.00104	.00066	-.00147	.03152	.85909	.15883
.260	22.760	-.03389	.03294	.04950	.00450	-.00123	.00071	-.00166	.03128	.85178	.17547
.260	24.805	-.03356	.03286	.04912	.00403	-.00107	.00063	-.00178	.03107	.84552	.17664
.260	26.827	-.03418	.03386	.05022	.00379	-.00101	.00059	-.00185	.03201	.84731	.17631
.260	28.797	-.03541	.03572	.05267	.00230	-.00063	.00043	-.00187	.03384	.85198	.15451
.260	30.748	-.03750	.03900	.05677	.00210	-.00054	.00044	-.00185	.03715	.84113	.13764
	GRADIENT	.00036	-.00014	-.00029	-.00004	-.00001	.00002	.00004	-.00010	.00256	-.00386

OA37 B26 C9 F9 M7 W116 E37 V8 R5 (AF2044) (01 JUL 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 INCHES
LREF = 474.8000 INCHES YMRP = .0000 INCHES
BREF = 936.8000 INCHES ZMRP = 375.0000 INCHES
SCALE = .0300

PARAMETRIC DATA

ALPHA = .000 BDFLAP = -11.700
ELEVON = .000 AILRON = .000
RUDDER = -10.000 SPDBRK = 25.000

RUN NO. 44/ 0 RN/L = 1.85 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CNV	CAFV	CLMV	CYV	CYNV	CBLV	CABV	CAUV	XCPV	ZCPV
.260	-10.151	-.01042	.00362	.00767	.05931	-.02258	.01497	-.00115	.00246	.92857	.10734
.260	-8.079	-.01001	.00434	.00917	.04158	-.01499	.01011	-.00055	.00378	.91391	.11401
.260	-6.100	-.01059	.00528	.01009	.02170	-.00650	.00494	-.00001	.00526	.86968	.12536
.260	-4.042	-.00999	.00693	.01110	.00214	.00174	-.00039	-.00009	.00684	.06091	.42333
.260	-2.039	-.01368	.00742	.01315	-.01158	.00780	-.00462	-.00059	.00682	1.14148	.00087
.260	-.026	-.01229	.00837	.01282	-.02513	.01345	-.00866	-.00074	.00762	1.04071	.04042
.260	2.006	-.00774	.00848	.01083	-.03791	.01884	-.01257	-.00047	.00801	1.01308	.04984
.260	4.014	-.00874	.00812	.01033	-.05314	.02510	-.01685	-.00004	.00808	.99505	.06034
.260	6.042	-.00837	.00835	.01067	-.06615	.03039	-.02035	.00010	.00846	.98569	.06729
.260	8.060	-.00658	.00743	.00869	-.08128	.03617	-.02387	.00019	.00763	.97524	.07741
.260	10.107	-.01029	.00728	.01120	-.09210	.04038	-.02660	.00030	.00758	.97044	.08095
	GRADIENT	.00042	.00017	-.00019	-.00679	.00287	-.00203	.00001	.00018	.08613	-.03352

OA37 B26 C9 F9 M7 W116 E37 V8 R5 (AF2045) (01 JUL 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 INCHES
LREF = 474.8000 INCHES YMRP = .0000 INCHES
BREF = 936.8000 INCHES ZMRP = 375.0000 INCHES
SCALE = .0300

PARAMETRIC DATA

ALPHA = 10.000 BDFLAP = -11.700
ELEVON = .000 AILRON = .000
RUDDER = -10.000 SPDBRK = 25.000

RUN NO. 45/ 0 RN/L = 1.85 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CNV	CAFV	CLMV	CYV	CYNV	CBLV	CABV	CAUV	XCPV	ZCPV
.260	-10.145	-.00886	.00195	.00470	.05664	-.02243	.01521	-.00102	.00093	.93969	.09567
.260	-8.112	-.00860	.00278	.00544	.03883	-.01469	.01019	-.00046	.00231	.92689	.10000
.260	-6.124	-.00402	.00622	.00643	.02034	-.00661	.00534	.00014	.00636	.88829	.09980
.260	-4.081	-.00720	.00646	.00840	.00280	.00078	.00041	-.00015	.00630	.44879	.18295
.260	-2.064	-.01058	.00784	.01107	-.01037	.00646	-.00381	-.00100	.00684	1.10461	.02366
.260	.009	-.00841	.00894	.01068	-.02465	.01233	-.00757	-.00130	.00764	1.01544	.06770
.260	2.007	-.00913	.00853	.01079	-.03464	.01673	-.01088	-.00074	.00778	1.00283	.06254
.260	4.015	-.00869	.00695	.00927	-.04638	.02174	-.01456	-.00008	.00687	.99241	.06268
.260	6.048	-.00675	.00627	.00766	-.06359	.02886	-.01907	.00035	.00663	.98164	.07283
.260	8.076	-.00637	.00670	.00780	-.07955	.03526	-.02306	.00049	.00720	.97390	.08026
.260	10.103	-.00840	.00518	.00787	-.09393	.04114	-.02701	.00043	.00561	.97014	.08185
	GRADIENT	-.00007	.00008	.00007	-.00695	.00258	-.00183	.00002	.00019	.04869	-.00995

OA37 B26 C9 F9 M7 W116 E37 V8 R5 (AF2046) (01 JUL 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 INCHES
LREF = 474.8000 INCHES YMRP = .0000 INCHES
BREF = 936.8000 INCHES ZMRP = 375.0000 INCHES
SCALE = .0300

PARAMETRIC DATA

ALPHA = 15.000 BDFLAP = -11.700
ELEVON = .000 AILRON = .000
RUDDER = -10.000 SPDBRK = 25.000

RUN NO. 46/ 0 RN/L = 1.85 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CNV	CAFV	CLMV	CYV	CYNV	CBLV	CABV	CAUV	XCPV	ZCPV
.260	-10.134	-.00566	.00169	.00280	.05761	-.02363	.01614	-.00066	.00102	.94992	.08720
.260	-8.131	-.00476	.00257	.00377	.03782	-.01519	.01116	-.00009	.00248	.94374	.07627
.260	-6.123	-.00646	.00532	.00728	.01798	-.00633	.00553	.00017	.00549	.90798	.06705
.260	-4.055	-.00713	.00697	.00897	.00130	.00084	.00056	-.00029	.00667	.17897	-.02224
.260	-2.078	-.01003	.00824	.01123	-.01042	.00628	-.00338	-.00124	.00699	1.09029	.05448
.260	-.030	-.01042	.00906	.01163	-.02319	.01172	-.00723	-.00155	.00751	1.01893	.06409
.260	2.018	-.01162	.00875	.01200	-.03591	.01697	-.01084	-.00108	.00767	.99535	.07138
.260	4.041	-.01157	.00729	.01042	-.04658	.02184	-.01469	-.00045	.00683	.99257	.06159
.260	6.054	-.00452	.00649	.00688	-.06714	.03040	-.02016	.00003	.00653	.98091	.07257
.260	8.101	-.00743	.00484	.00752	-.07867	.03511	-.02312	.00050	.00534	.97614	.07722
.260	10.108	-.00712	.00440	.00716	-.09611	.04267	-.02787	.00067	.00507	.97445	.08010
	GRADIENT	-.00051	.00006	.00018	-.00598	.00260	-.00187	-.00001	.00005	.07499	.00906

OA37 B26 C9 F9 M7 W116 E37 V8 R5 (AF2047) (01 JUL 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 INCHES
LREF = 474.8000 INCHES YMRP = .0000 INCHES
BREF = 936.8000 INCHES ZMRP = 375.0000 INCHES
SCALE = .0300

PARAMETRIC DATA

ALPHA = 20.000 BDFLAP = -11.700
ELEVON = .000 AILRON = .000
RUDDER = -10.000 SPDBRK = 25.000

RUN NO. 47/ 0 RN/L = 1.85 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CNV	CAFV	CLMV	CYV	CYNV	CBLV	CABV	CAUV	XCPV	ZCPV
.260	-10.125	-.00621	.00102	.00208	.06595	-.02781	.01902	-.00077	.00024	.95832	.08129
.260	-8.112	-.00523	.00296	.00382	.04026	-.01674	.01248	.00037	.00333	.95401	.06551
.260	-6.099	-.00779	.00538	.00756	.01997	-.00765	.00650	-.00073	.00465	.93046	.05411
.260	-4.076	-.00895	.00677	.00925	.00240	.00021	.00126	-.00127	.00550	.58852	-.09103
.260	-2.043	-.01164	.00834	.01213	-.01202	.00667	-.00344	-.00165	.00668	1.05500	.08275
.260	-.029	-.01228	.00952	.01316	-.02717	.01310	-.00751	-.00184	.00767	1.00239	.08983
.260	2.029	-.01154	.00913	.01208	-.03740	.01789	-.01134	-.00169	.00744	.99946	.07035
.260	4.033	-.00717	.00943	.01037	-.04997	.02368	-.01570	-.00115	.00827	.99624	.06244
.260	6.091	-.00710	.00677	.00786	-.06760	.03132	-.02083	-.00034	.00642	.98853	.06688
.260	8.114	-.00439	.00602	.00671	-.07937	.03616	-.02429	.00041	.00643	.98290	.06843
.260	10.137	-.00532	.00403	.00617	-.10117	.04508	-.02963	.00074	.00478	.97563	.07802
	GRADIENT	.00018	.00030	.00011	-.00641	.00287	-.00206	.00001	.00031	.03746	.01452

OA37 B26 C9 F9 M7 W116 E37 V8 R5 (AF2048) (01 JUL 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 INCHES
LREF = 474.8000 INCHES YMRP = .0000 INCHES
BREF = 936.8000 INCHES ZMRP = 375.0000 INCHES
SCALE = .0300

PARAMETRIC DATA

ALPHA = .000 BDFLAP = -11.700
ELEVON = .000 AILRON = .000
RUDDER = -25.000 SPDBRK = 25.000

RUN NO. 48/ 0 RN/L = 1.85 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CNV	CAFV	CLMV	CYV	CYNV	CBLV	CABV	CAUV	XCPV	ZCPV
.260	-10.136	-.01589	.00990	.01720	.02464	-.00534	.00459	-.00097	.00893	.80967	.15522
.260	-8.123	-.01747	.01225	.02125	.00434	.00338	-.00108	-.00031	.01194	.08625	.47185
.260	-6.110	-.01644	.01479	.02303	-.01451	.01158	-.00646	.00002	.01481	1.23144	-.03277
.260	-4.086	-.02103	.01738	.02680	-.03298	.01946	-.01159	-.00020	.01717	1.08065	.03549
.260	-2.069	-.02272	.01800	.02786	-.04326	.02377	-.01480	-.00063	.01737	1.05099	.04219
.260	-.001	-.01946	.01856	.02658	-.05396	.02814	-.01818	-.00065	.01790	1.03079	.04596
.260	2.026	-.01565	.01776	.02315	-.06449	.03259	-.02155	-.00026	.01750	1.01907	.04796
.260	4.044	-.01456	.01775	.02224	-.07953	.03864	-.02561	.00005	.01780	1.00491	.05681
.260	6.072	-.01646	.01655	.02269	-.09110	.04261	-.02803	.00023	.01678	.99168	.06722
.260	8.109	-.01587	.01555	.02175	-.09991	.04524	-.02943	.00032	.01587	.98090	.07679
.260	10.125	-.01620	.01521	.02226	-.10953	.04857	-.03113	.00042	.01564	.97408	.08426
	GRADIENT	.00098	.00002	-.00068	-.00562	.00232	-.00171	.00004	.00007	-.00901	.00238

OA37 B26 C9 F9 M7 W116 E37 V8 R5 (AF2049) (01 JUL 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 INCHES
LREF = 474.8000 INCHES YMRP = .0000 INCHES
BREF = 936.8000 INCHES ZMRP = 375.0000 INCHES
SCALE = .0300

PARAMETRIC DATA

ALPHA = 10.000 BDFLAP = -11.700
ELEVON = .000 AILRON = .000
RUDDER = -25.000 SPDBRK = 25.000

RUN NO. 49/ 0 RN/L = 1.85 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CNV	CAFV	CLMV	CYV	CYNV	CBLV	CABV	CAUV	XCPV	ZCPV
.260	-10.130	-.01452	.00888	.01530	.02937	-.00801	.00629	-.00092	.00795	.85020	.13492
.260	-8.097	-.01377	.01139	.01711	.00898	.00078	.00046	-.00028	.01110	.58905	.25320
.260	-6.109	-.01416	.01374	.01977	-.01128	.00925	-.00466	.00020	.01394	1.24745	-.00929
.260	-4.066	-.01561	.01557	.02208	-.02736	.01627	-.00943	-.00037	.01520	1.08389	.04027
.260	-2.069	-.01811	.01696	.02450	-.04073	.02173	-.01325	-.00119	.01576	1.03938	.05439
.260	-.011	-.01910	.01730	.02450	-.05027	.02570	-.01620	-.00115	.01614	1.02332	.05660
.260	2.006	-.01655	.01686	.02291	-.05934	.02945	-.01905	-.00057	.01628	1.01251	.05752
.260	4.054	-.01357	.01544	.01949	-.07264	.03472	-.02279	.00000	.01544	.99912	.06284
.260	6.072	-.01519	.01485	.02001	-.08482	.03947	-.02578	.00043	.01528	.98994	.07000
.260	8.114	-.01444	.01272	.01934	-.09350	.04239	-.02756	.00054	.01327	.98128	.07659
.260	10.136	-.01415	.01268	.01891	-.10559	.04694	-.03060	.00049	.01317	.97485	.08020
	GRADIENT	.00028	-.00002	-.00033	-.00537	.00220	-.00160	.00007	.00005	-.00966	.00237

OA37 B26 C9 F9 M7 W16 E37 V8 R5 (AF2050) (01 JUL 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 INCHES
LREF = 474.8000 INCHES YMRP = .0000 INCHES
BREF = 936.8000 INCHES ZMRP = 375.0000 INCHES
SCALE = .0300

PARAMETRIC DATA

ALPHA = 15.000 BDFLAP = -11.700
ELEVON = .000 AILRON = .000
RUDDER = -25.000 SPDBRK = 25.000

RUN NO. 50/ 0 RN/L = 1.85 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CNV	CAFV	CLMV	CYV	CYNV	CBLV	CABV	CAUV	XCPV	ZCPV
.260	-10.134	-.01015	.00875	.01205	.02870	-.00876	.00693	-.00057	.00818	.87387	.11538
.260	-8.116	-.01163	.01014	.01464	.00868	.00001	.00129	.00011	.01026	.65107	.18217
.260	-6.113	-.01698	.01317	.02087	-.01045	.00843	-.00413	.00012	.01329	1.23786	.00359
.260	-4.016	-.01653	.01574	.02226	-.02763	.01573	-.00896	-.00067	.01507	1.06557	.05509
.260	-2.058	-.01676	.01730	.02335	-.04085	.02144	-.01291	-.00141	.01588	1.03330	.06111
.260	-.030	-.01917	.01660	.02402	-.04994	.02536	-.01579	-.00131	.01528	1.02080	.06110
.260	2.007	-.01609	.01613	.02178	-.06191	.03013	-.01922	-.00094	.01519	1.00545	.06525
.260	4.040	-.01669	.01437	.01992	-.07090	.03424	-.02270	-.00037	.01399	1.00276	.05816
.260	6.067	-.01145	.01425	.01817	-.08613	.04001	-.02615	.00009	.01435	.98941	.07018
.260	8.124	-.01107	.01159	.01615	-.09306	.04229	-.02759	.00057	.01217	.98207	.07535
.260	10.141	-.01161	.01170	.01640	-.11030	.04935	-.03185	.00076	.01246	.97697	.08099
	GRADIENT	.00052	-.00020	-.00031	-.00533	.00226	-.00167	.00005	-.00014	-.00759	.00050

OA37 B26 C9 F9 M7 W16 E37 V8 R5 (AF2051) (01 JUL 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 INCHES
LREF = 474.8000 INCHES YMRP = .0000 INCHES
BREF = 936.8000 INCHES ZMRP = 375.0000 INCHES
SCALE = .0300

PARAMETRIC DATA

ALPHA = 20.000 BDFLAP = -11.700
ELEVON = .000 AILRON = .000
RUDDER = -25.000 SPDBRK = 25.000

RUN NO. 51/ 0 RN/L = 1.85 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CNV	CAFV	CLMV	CYV	CYNV	CBLV	CABV	CAUV	XCPV	ZCPV
.260	-10.121	-.00909	.00588	.00940	.03670	-.01284	.00947	-.00058	.00529	.90608	.10330
.260	-8.112	-.01041	.00992	.01410	.01206	-.00189	.00300	.00023	.01016	.76592	.10976
.260	-6.089	-.01555	.01391	.01999	-.00948	.00745	-.00304	-.00115	.01275	1.22280	.05780
.260	-4.086	-.01659	.01534	.02190	-.02725	.01541	-.00855	-.00147	.01386	1.06261	.06281
.260	-2.068	-.01877	.01681	.02420	-.04012	.02124	-.01273	-.00173	.01508	1.03658	.06016
.260	-.005	-.02047	.01753	.02505	-.05172	.02621	-.01618	-.00181	.01572	1.02006	.06347
.260	2.018	-.01793	.01768	.02335	-.06291	.03097	-.01959	-.00150	.01618	1.00952	.06456
.260	4.052	-.01581	.01661	.02120	-.07248	.03576	-.02375	-.00099	.01562	1.01038	.05268
.260	6.079	-.01495	.01468	.01978	-.08540	.04043	-.02651	-.00022	.01446	.99582	.06524
.260	8.121	-.01094	.01175	.01614	-.09387	.04288	-.02798	.00048	.01224	.98381	.07418
.260	10.160	-.01111	.00964	.01447	-.11267	.05071	-.03289	.00081	.01046	.97890	.07869
	GRADIENT	.00012	.00017	-.00011	-.00556	.00248	-.00183	.00006	.00023	-.00646	-.00078

OA37 B26 C9 F9 M7 W116 E37 V8 R5 (AF2052) (01 JUL 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 INCHES
LREF = 474.8000 INCHES YMRP = .0000 INCHES
BREF = 936.8000 INCHES ZMRP = 375.0000 INCHES
SCALE = .0300

PARAMETRIC DATA

ALPHA = .000 BDFLAP = -11.700
ELEVON = .000 AILRON = .000
RUDDER = -10.000 SPDBRK = 55.000

RUN NO. 52/ 0 RN/L = 1.85 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CNV	CAFV	CLMV	CYV	CYNV	CBLV	CABV	CAUV	XCPV	ZCPV
.260	-10.128	-.02063	.01404	.02302	.06800	-.02734	.01791	-.00105	.01299	.94403	.09937
.260	-8.119	-.01991	.01647	.02618	.04808	-.01897	.01278	-.00035	.01612	.93859	.09756
.260	-6.091	-.02084	.01696	.02798	.02890	-.01038	.00735	.00013	.01710	.91310	.10592
.260	-4.047	-.02274	.01895	.02958	.00768	-.00119	.00146	.00000	.01895	.76547	.15210
.260	-2.064	-.02206	.01967	.03028	-.00660	.00478	-.00267	-.00049	.01918	1.17810	-.00261
.260	.004	-.02508	.02002	.03187	-.01733	.00935	-.00621	-.00063	.01938	1.04386	.03040
.260	2.016	-.01898	.01955	.02838	-.03016	.01475	-.00983	-.00038	.01916	1.00722	.05404
.260	4.044	-.02046	.02024	.02968	-.04564	.02112	-.01401	.00004	.02028	.98818	.06773
.260	6.067	-.01847	.01957	.02787	-.06223	.02814	-.01883	.00021	.01979	.98041	.07093
.260	8.090	-.01831	.01788	.02539	-.07909	.03535	-.02355	.00031	.01820	.97668	.07439
.260	10.148	-.01659	.01710	.02453	-.09650	.04241	-.02784	.00039	.01750	.97124	.08117
	GRADIENT	.00038	.00012	-.00008	-.00642	.00269	-.00188	.00001	.00013	.01336	-.00547

OA37 B26 C9 F9 M7 W116 E37 V8 R5 (AF2053) (01 JUL 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 INCHES
LREF = 474.8000 INCHES YMRP = .0000 INCHES
BREF = 936.8000 INCHES ZMRP = 375.0000 INCHES
SCALE = .0300

PARAMETRIC DATA

ALPHA = 10.000 BDFLAP = -11.700
ELEVON = .000 AILRON = .000
RUDDER = -10.000 SPDBRK = 55.000

RUN NO. 53/ 0 RN/L = 1.85 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CNV	CAFV	CLMV	CYV	CYNV	CBLV	CABV	CAUV	XCPV	ZCPV
.260	-10.131	-.01647	.01137	.01861	.06567	-.02678	.01805	-.00095	.01041	.94826	.09111
.260	-8.118	-.01473	.01483	.02139	.04515	-.01824	.01261	-.00036	.01447	.94556	.08781
.260	-6.080	-.01655	.01745	.02537	.02711	-.01031	.00746	.00024	.01769	.92823	.09071
.260	-4.057	-.01779	.01809	.02601	.01066	-.00291	.00270	-.00029	.01780	.85032	.10622
.260	-2.049	-.02058	.02047	.02957	-.00583	.00379	-.00183	-.00117	.01929	1.12401	.06186
.260	.004	-.02108	.02126	.03059	-.01645	.00827	-.00495	-.00134	.01991	1.01739	.07186
.260	2.017	-.02047	.01985	.02861	-.02892	.01345	-.00865	-.00076	.01909	.98981	.07345
.260	4.039	-.01745	.01856	.02618	-.04220	.01910	-.01266	-.00006	.01849	.98084	.07276
.260	6.073	-.01708	.01816	.02580	-.05692	.02572	-.01712	.00043	.01860	.98023	.07229
.260	8.111	-.01488	.01588	.02289	-.07628	.03359	-.02188	.00057	.01646	.97186	.08232
.260	10.143	-.01573	.01416	.02025	-.09167	.03996	-.02620	.00051	.01467	.96857	.08312
	GRADIENT	.00004	.00002	-.00003	-.00636	.00265	-.00185	.00004	.00006	.00621	-.00272

OA37 B26 C9 F9 M7 W116 E37 V8 R5 (AF2054) (01 JUL 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 INCHES
LREF = 474.8000 INCHES YMRP = .0000 INCHES
BREF = 936.8000 INCHES ZMRP = 375.0000 INCHES
SCALE = .0300

PARAMETRIC DATA

ALPHA = 15.000 BDFLAP = -11.700
ELEVON = .000 AILRON = .000
RUDDER = -10.000 SPDBRK = 55.000

RUN NO. 54/ 0 RN/L = 1.85 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CNV	CAFV	CLMV	CYV	CYNV	CBLV	CABV	CAUV	XCPV	ZCPV
.260	-10.135	-.01149	.01050	.01454	.06502	-.02731	.01846	-.00066	.00983	.95706	.08450
.260	-8.111	-.01349	.01373	.01907	.04398	-.01844	.01284	-.00001	.01371	.95653	.07869
.260	-6.099	-.01632	.01794	.02543	.02627	-.01040	.00762	.00015	.01809	.93960	.07982
.260	-4.051	-.01917	.01892	.02752	.00994	-.00307	.00289	-.00059	.01833	.87653	.07946
.260	-2.044	-.02078	.01882	.02809	-.00640	.00367	-.00164	-.00139	.01742	1.06938	.10375
.260	.015	-.02226	.02052	.02988	-.01783	.00845	-.00510	-.00160	.01892	.99633	.08260
.260	2.023	-.02071	.01918	.02737	-.02762	.01295	-.00839	-.00112	.01805	.99254	.07002
.260	4.030	-.01881	.01844	.02594	-.04296	.01947	-.01287	-.00047	.01797	.98118	.07311
.260	6.083	-.01697	.01703	.02447	-.05834	.02613	-.01729	.00010	.01714	.97737	.07541
.260	8.117	-.01363	.01392	.01991	-.07798	.03447	-.02248	.00060	.01452	.97307	.08131
.260	10.149	-.01152	.01283	.01738	-.09536	.04196	-.02715	.00076	.01360	.97162	.08390
	GRADIENT	.00004	-.00003	-.00019	-.00628	.00269	-.00189	.00002	-.00000	.00652	-.00230

OA37 B26 C9 F9 M7 W116 E37 V8 R5 (AF2055) (01 JUL 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 INCHES
LREF = 474.8000 INCHES YMRP = .0000 INCHES
BREF = 936.8000 INCHES ZMRP = 375.0000 INCHES
SCALE = .0300

PARAMETRIC DATA

ALPHA = 20.000 BDFLAP = -11.700
ELEVON = .000 AILRON = .000
RUDDER = -10.000 SPDBRK = 55.000

RUN NO. 55/ 0 RN/L = 1.85 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CNV	CAFV	CLMV	CYV	CYNV	CBLV	CABV	CAUV	XCPV	ZCPV
.260	-10.145	-.00927	.01120	.01420	.07403	-.03191	.02102	-.00066	.01053	.96504	.08448
.260	-8.132	-.01356	.01545	.02061	.04563	-.01962	.01407	.00018	.01564	.96425	.06674
.260	-6.119	-.01985	.01827	.02652	.02465	-.01035	.00792	-.00105	.01721	.95698	.05733
.260	-4.056	-.02040	.01881	.02732	.01020	-.00348	.00325	-.00131	.01749	.89983	.05943
.260	-2.073	-.02071	.01991	.02884	-.00332	.00257	-.00115	-.00163	.01828	1.21433	.03862
.260	-.015	-.02243	.01937	.02837	-.01460	.00749	-.00449	-.00179	.01757	1.02487	.06735
.260	2.004	-.01780	.02111	.02750	-.02811	.01321	-.00836	-.00166	.01945	.99329	.07472
.260	4.052	-.01874	.01876	.02600	-.04334	.02018	-.01334	-.00130	.01745	.99021	.06712
.260	6.070	-.01743	.01802	.02527	-.05745	.02624	-.01755	-.00047	.01755	.98375	.06886
.260	8.118	-.01282	.01456	.02021	-.07639	.03448	-.02286	.00048	.01505	.97978	.07333
.260	10.133	-.01295	.01076	.01652	-.09938	.04405	-.02856	.00079	.01155	.97395	.08200
	GRADIENT	.00031	.00005	-.00020	-.00650	.00286	-.00199	-.00000	.00005	-.00217	.00255

OA37 B26 C9 F9 M7 W116 E37 V8 R5 (AF2056) (01 JUL 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 INCHES
LREF = 474.8000 INCHES YMRP = .0000 INCHES
BREF = 936.8000 INCHES ZMRP = 375.0000 INCHES
SCALE = .0300

PARAMETRIC DATA

ALPHA = .000 BDFLAP = -11.700
ELEVON = .000 AILRON = .000
RUDDER = -25.000 SPDBRK = 55.000

RUN NO. 56/ 0 RN/L = 1.85 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CNV	CAFV	CLMV	CYV	CYNV	CBLV	CABV	CAUV	XCPV	ZCPV
.260	-10.103	-.01495	.01515	.02198	.03842	-.01270	.00834	-.00090	.01425	.89208	.13289
.260	-8.114	-.01815	.01655	.02513	.01565	-.00291	.00226	-.00012	.01642	.78731	.18569
.260	-6.076	-.01760	.02006	.02861	-.00389	.00563	-.00330	.00012	.02019	1.70374	-.32649
.260	-4.012	-.02251	.02249	.03224	-.02083	.01304	-.00841	-.00015	.02234	1.10689	-.00270
.260	-2.055	-.02262	.02338	.03295	-.03393	.01853	-.01195	-.00058	.02280	1.04874	.03490
.260	-.057	-.01876	.02329	.03073	-.04593	.02355	-.01575	-.00061	.02268	1.02433	.04163
.260	2.000	-.01519	.02275	.02812	-.05750	.02835	-.01925	-.00018	.02257	1.01017	.04750
.260	4.022	-.01806	.02271	.02910	-.06974	.03306	-.02247	.00014	.02285	.99629	.05668
.260	6.070	-.01700	.02260	.02847	-.08279	.03824	-.02595	.00025	.02286	.98744	.06306
.260	8.067	-.01754	.02256	.02950	-.09383	.04222	-.02811	.00033	.02239	.97878	.07315
.260	10.099	-.01653	.02101	.02786	-.10401	.04604	-.03040	.00042	.02144	.97352	.07843
	GRADIENT	.00081	-.00001	-.00055	-.00603	.00248	-.00176	.00005	.00004	-.01287	.00650

OA37 B26 C9 F9 M7 W116 E37 V8 R5 (AF2057) (01 JUL 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 INCHES
LREF = 474.8000 INCHES YMRP = .0000 INCHES
BREF = 936.8000 INCHES ZMRP = 375.0000 INCHES
SCALE = .0300

PARAMETRIC DATA

ALPHA = 10.000 BDFLAP = -11.700
ELEVON = .000 AILRON = .000
RUDDER = -25.000 SPDBRK = 55.000

RUN NO. 57/ 0 RN/L = 1.85 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CNV	CAFV	CLMV	CYV	CYNV	CBLV	CABV	CAUV	XCPV	ZCPV
.260	-10.121	-.01342	.01309	.01760	.03716	-.01276	.00899	-.00085	.01224	.90156	.11489
.260	-8.083	-.01596	.01644	.02305	.01715	-.00422	.00359	-.00018	.01625	.83101	.13864
.260	-6.070	-.01674	.01886	.02599	-.00113	.00360	-.00155	.00024	.01911	2.96175	-.70428
.260	-4.088	-.01780	.02143	.02868	-.01550	.00993	-.00593	-.00074	.02069	1.11719	.01288
.260	-2.065	-.02014	.02182	.03032	-.02897	.01549	-.00970	-.00135	.02047	1.04038	.04737
.260	-.033	-.02024	.02213	.02989	-.03930	.01979	-.01272	-.00124	.02088	1.01775	.05551
.260	2.010	-.01796	.02130	.02785	-.04734	.02330	-.01567	-.00056	.02074	1.00953	.05025
.260	4.042	-.01499	.02083	.02573	-.06253	.02940	-.01972	.00000	.02084	.99350	.06164
.260	6.071	-.01482	.02076	.02517	-.07580	.03509	-.02354	.00046	.02122	.98824	.06515
.260	8.083	-.01378	.01968	.02467	-.08707	.03927	-.02620	.00059	.02027	.97953	.07217
.260	10.105	-.01326	.01842	.02303	-.10056	.04453	-.02953	.00052	.01895	.97361	.07742
	GRADIENT	.00038	-.00008	-.00041	-.00553	.00230	-.00165	.00011	.00003	-.01367	.00493

BEST AVAILABILITY OF THE ORIGINAL PAGE IS POOR

OA37 B26 C9 F9 M7 W116 E37 V8 R5 (AF2058) (01 JUL 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 INCHES
LREF = 474.8000 INCHES YMRP = .0000 INCHES
BREF = 936.8000 INCHES ZMRP = 375.0000 INCHES
SCALE = .0300

PARAMETRIC DATA

ALPHA = 15.000 BDFLAP = -11.700
ELEVON = .000 AILRON = .000
RUDDER = -25.000 SPDBRK = 55.000

RUN NO. 58/ 0 RN/L = 1.85 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CNV	CAFV	CLMV	CYV	CYNV	CBLV	CABV	CAUV	XCPV	ZCPV
.260	-10.130	-.01175	.01117	.01512	.03630	-.01320	.00951	-.00049	.01068	.91616	.10029
.260	-8.112	-.01260	.01545	.02025	.01874	-.00547	.00457	.00022	.01567	.86438	.11329
.260	-6.079	-.01769	.01915	.02632	-.00062	.00280	-.00065	.00003	.01918	3.89332	-.46454
.260	-4.047	-.01785	.02071	.02828	-.01657	.00967	-.00534	-.00105	.01966	1.07580	.05649
.260	-2.352	-.01994	.02159	.02924	-.02973	.01516	-.00919	-.00153	.02006	1.02237	.06612
.260	-2.075	-.01938	.02130	.02881	-.04059	.01989	-.01251	-.00142	.01987	1.00797	.06685
.260	-.007	-.01618	.02163	.02642	-.05023	.02403	-.01567	-.00089	.02073	.99937	.06417
.260	2.016	-.01652	.02025	.02619	-.06143	.02898	-.01950	-.00037	.01988	.99465	.06014
.260	4.028	-.01224	.01958	.02352	-.07697	.03509	-.02325	.00012	.01970	.98306	.07134
.260	6.051	-.01101	.01746	.02169	-.09099	.04078	-.02688	.00062	.01809	.97750	.07619
.260	8.084	-.00932	.01640	.01963	-.10516	.04680	-.03076	.00079	.01720	.97524	.07828
	GRADIENT	.00078	-.00019	-.00065	-.00712	.00302	-.00216	.00019	.00000	-.00925	.00092

OA37 B26 C9 F9 M7 W116 E37 V8 R5 (AF2059) (01 JUL 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 INCHES
LREF = 474.8000 INCHES YMRP = .0000 INCHES
BREF = 936.8000 INCHES ZMRP = 375.0000 INCHES
SCALE = .0300

PARAMETRIC DATA

ALPHA = 20.000 BDFLAP = -11.700
ELEVON = .000 AILRON = .000
RUDDER = -25.000 SPDBRK = 55.000

RUN NO. 59/ 0 RN/L = 1.85 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CNV	CAFV	CLMV	CYV	CYNV	CBLV	CABV	CAUV	XCPV	ZCPV
.260	-10.112	-.01386	.01043	.01576	.04594	-.01773	.01235	-.00029	.01013	.93242	.09547
.260	-8.098	-.01484	.01579	.02228	.02329	-.00779	.00657	.00006	.01585	.89516	.08581
.260	-6.080	-.01702	.01956	.02646	.00071	.00179	.00012	-.00124	.01832	-1.17436	.16179
.260	-4.033	-.02001	.02055	.02854	-.01548	.00905	-.00488	-.00151	.01903	1.07689	.06180
.260	-2.030	-.02230	.02138	.02999	-.02793	.01463	-.00882	-.00172	.01965	1.03242	.06140
.260	-.012	-.02013	.02095	.02809	-.03958	.01957	-.01232	-.00177	.01917	1.01122	.06462
.260	2.031	-.02036	.02085	.02779	-.04968	.02413	-.01585	-.00146	.01938	1.00481	.05895
.260	4.045	-.01841	.02016	.02633	-.06224	.02973	-.02009	-.00120	.01896	.99892	.05629
.260	6.068	-.01533	.01965	.02524	-.07410	.03456	-.02343	-.00040	.01925	.99073	.06102
.260	8.110	-.01329	.01829	.02371	-.08740	.03964	-.02643	.00040	.01870	.98143	.07197
.260	10.123	-.01019	.01592	.01985	-.10939	.04883	-.03219	.00082	.01675	.97617	.07702
	GRADIENT	.00025	-.00007	-.00033	-.00570	.00252	-.00185	.00004	-.00002	-.00907	-.00067

OA37 B26 C9 F9 M7 W116 E37 V8 R5 (AF2060) (01 JUL 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 INCHES
LREF = 474.8000 INCHES YMRP = .0000 INCHES
BREF = 936.8000 INCHES ZMRP = 375.0000 INCHES
SCALE = .0300

PARAMETRIC DATA

ALPHA = .000 BDFLAP = -11.700
ELEVON = .000 AILRON = .000
RUDDER = -10.000 SPDBRK = 85.000

RUN NO. 60/ 0 RN/L = 1.85 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CNV	CAFV	CLMV	CYV	CYNV	CBLV	CABV	CAUV	XCPV	ZCPV
.260	-10.114	-.02850	.02616	.03838	.07382	-.03068	.01993	-.00093	.02523	.95391	.09463
.260	-8.095	-.02842	.02988	.04378	.05472	-.02238	.01490	-.00010	.02977	.94906	.09289
.260	-6.082	-.02966	.03025	.04539	.03649	-.01446	.00994	.00025	.03050	.93990	.09271
.260	-3.998	-.03373	.03397	.05072	.01758	-.00614	.00456	.00012	.03409	.90580	.10235
.260	-2.065	-.03408	.03485	.05134	.00256	.00011	.00011	-.00034	.03459	.61930	.25764
.260	-.023	-.03291	.03401	.05026	-.00739	.00439	-.00294	-.00056	.03344	1.08343	.00158
.260	2.020	-.03083	.03293	.04869	-.01975	.00947	-.00651	-.00036	.03256	1.00031	.05100
.260	4.022	-.02817	.03328	.04777	-.03327	.01513	-.01065	.00010	.03339	.98236	.05824
.260	6.061	-.02811	.03196	.04549	-.05218	.02336	-.01584	.00033	.03229	.97724	.07017
.260	8.084	-.02768	.02850	.04166	-.07144	.03168	-.02137	.00040	.02890	.97405	.07341
.260	10.122	-.02474	.02682	.03898	-.08922	.03895	-.02579	.00047	.02730	.96907	.08074
	GRADIENT	.00572	-.00017	-.00043	-.00616	.00258	-.00184	-.00000	-.00017	.02683	-.01481

OA37 B26 C9 F9 M7 W116 E37 V8 R5 (AF2061) (01 JUL 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 INCHES
LREF = 474.8000 INCHES YMRP = .0000 INCHES
BREF = 936.8000 INCHES ZMRP = 375.0000 INCHES
SCALE = .0300

PARAMETRIC DATA

ALPHA = 10.000 BDFLAP = -11.700
ELEVON = .000 AILRON = .000
RUDDER = -10.000 SPDBRK = 85.000

RUN NO. 61/ 0 RN/L = 1.85 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CNV	CAFV	CLMV	CYV	CYNV	CBLV	CABV	CAUV	XCPV	ZCPV
.260	-10.126	-.02459	.02499	.03600	.07061	-.02921	.01917	-.00093	.02406	.95253	.09350
.260	-8.049	-.02612	.02600	.03760	.05192	-.02137	.01421	-.00023	.02576	.95093	.09186
.260	-6.061	-.02544	.02922	.04115	.03212	-.01317	.00915	.00035	.02958	.94992	.08363
.260	-4.023	-.02832	.03031	.04356	.01698	-.00639	.00467	-.00051	.02980	.92534	.09085
.260	-2.045	-.03072	.03526	.05174	.00461	-.00107	.00096	-.00115	.03411	.82082	.13865
.260	.003	-.03193	.03509	.05005	-.00582	.00312	-.00223	-.00140	.03369	1.04175	.01244
.260	2.030	-.03169	.03298	.04786	-.01790	.00819	-.00541	-.00083	.03214	.98454	.07087
.260	4.053	-.02837	.03330	.04733	-.03020	.01347	-.00926	-.00008	.03322	.97593	.06799
.260	6.077	-.02600	.03129	.04406	-.04610	.02027	-.01370	.00051	.03181	.97144	.07489
.260	8.090	-.02435	.02743	.03878	-.06537	.02833	-.01870	.00066	.02810	.96680	.08288
.260	10.107	-.02351	.02517	.03661	-.08052	.03487	-.02299	.00058	.02575	.96654	.08335
	GRADIENT	-.00005	.00018	.00018	-.00578	.00242	-.00169	.00006	.00024	.01317	-.05564

REPRODUCIBILITY OF THE ORIGINAL PAGE IS POOR

OA37 B26 C9 F9 M7 W116 E37 V8 R5 (AF2062) (01 JUL 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 INCHES
LREF = 474.8000 INCHES YMRP = .0000 INCHES
BREF = 936.6000 INCHES ZMRP = 375.0000 INCHES
SCALE = .0300

PARAMETRIC DATA

ALPHA = 15.000 BDFLAP = -11.700
ELEVON = .000 AILRON = .000
RUDDER = -10.000 SPDBRK = 85.000

RUN NO. 62/ 0 RN/L = 1.85 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CNV	CAFV	CLMV	CYV	CYNV	CBLV	CABV	CAUV	XCPV	ZCPV
.260	-10.119	-.02152	.02353	.03270	.06878	-.02898	.01921	-.00057	.02296	.95802	.08786
.260	-8.032	-.02535	.02827	.04008	.04909	-.02103	.01447	.00010	.02838	.96312	.07653
.260	-6.069	-.02629	.03224	.04519	.03309	-.01374	.00974	.00007	.03232	.95375	.07677
.260	-4.041	-.02860	.03359	.04709	.01611	-.00660	.00500	-.00090	.03269	.94964	.06517
.260	-2.054	-.03225	.03361	.04948	.00383	-.00101	.00102	-.00139	.03222	.84497	.09761
.260	-.006	-.03314	.03375	.04930	-.00640	.00313	-.00172	-.00165	.03219	1.00736	.09503
.260	2.027	-.03171	.03410	.04879	-.01750	.00777	-.00505	-.00125	.03285	.97455	.08080
.260	4.054	-.02944	.03260	.04639	-.03000	.01314	-.00898	-.00059	.03200	.97011	.07318
.260	6.077	-.02967	.03177	.04563	-.04572	.01969	-.01331	.00009	.03186	.96489	.07924
.260	8.085	-.02043	.02721	.03762	-.06597	.02870	-.01892	.00070	.02792	.96803	.08243
.260	10.128	-.01837	.02190	.03176	-.08536	.03694	-.02394	.00088	.02278	.96627	.08697
	GRADIENT	-.00005	-.00007	-.00010	-.00560	.00238	-.00168	.00004	-.00004	.00847	-.00006

OA37 B26 C9 F9 M7 W116 E37 V8 R5 (AF2063) (01 JUL 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 INCHES
LREF = 474.8000 INCHES YMRP = .0000 INCHES
BREF = 936.6000 INCHES ZMRP = 375.0000 INCHES
SCALE = .0300

PARAMETRIC DATA

ALPHA = 20.000 BDFLAP = -11.700
ELEVON = .000 AILRON = .000
RUDDER = -10.000 SPDBRK = 85.000

RUN NO. 63/ 0 RN/L = 1.85 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CNV	CAFV	CLMV	CYV	CYNV	CBLV	CABV	CAUV	XCPV	ZCPV
.260	-10.092	-.02224	.02398	.03294	.07695	-.03313	.02185	-.00060	.02336	.96474	.08449
.260	-8.078	-.02524	.02978	.04089	.04995	-.02184	.01524	.00014	.02992	.96962	.08904
.260	-6.065	-.03084	.03398	.04858	.03085	-.01346	.01004	-.00110	.03287	.96884	.05425
.260	-4.012	-.03308	.03488	.05009	.01607	-.00672	.00510	-.00118	.03370	.95590	.05983
.260	-2.039	-.02994	.03410	.04765	.00407	-.00128	.00134	-.00151	.03259	.88161	.05113
.260	.009	-.03240	.03443	.04875	-.00701	.00338	-.00187	-.00167	.03275	1.00282	.09679
.260	2.027	-.03079	.03424	.04772	-.01770	.00789	-.00500	-.00164	.03260	.97596	.08543
.260	4.040	-.03075	.03436	.04778	-.02894	.01283	-.00864	-.00150	.03286	.97398	.07379
.260	6.068	-.02955	.03384	.04753	-.04373	.01919	-.01303	-.00071	.03313	.97076	.07421
.260	8.082	-.02281	.03016	.04165	-.06268	.02764	-.01856	.00035	.03051	.97229	.07562
.260	10.125	-.01953	.02169	.03077	-.08584	.03754	-.02461	.00083	.02253	.96963	.08245
	GRADIENT	.00019	-.00004	-.00022	-.00554	.00239	-.00168	-.00004	-.00008	.00653	.00310

OA37 B26 C9 F9 M7 W116 E37 V8 R5 (AF2064) (01 JUL 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 INCHES
LREF = 474.8000 INCHES YMRP = .0000 INCHES
BREF = 936.8000 INCHES ZMRP = 375.0000 INCHES
SCALE = .0300

PARAMETRIC DATA

ALPHA = .000 BDFLAP = -11.700
ELEVON = .000 AILRON = .000
RUDDER = -10.000 SPDBRK = .000

RUN NO. 64/ 0 RN/L = 1.85 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CNV	CAFV	CLMV	CYV	CYNV	CBLV	CABV	CAUV	XCPV	ZCPV
.260	-10.125	-.00959	.00031	.00436	.05192	-.01889	.01286	-.00121	-.00090	.91630	.11085
.260	-8.098	-.00947	.00064	.00484	.04108	-.01445	.01011	-.00064	.00000	.90759	.11195
.260	-6.090	-.00854	.00098	.00501	.02690	-.00846	.00629	-.00009	.00088	.88046	.12085
.260	-4.032	-.00903	.00286	.00641	.00993	-.00147	.00135	-.00014	.00271	.76013	.19161
.260	-2.060	-.01128	.00389	.00799	-.00509	.00453	-.00258	-.00064	.00324	1.29836	-.07757
.260	-.032	-.01339	.00509	.00971	-.01272	.00747	-.00482	-.00082	.00427	1.07878	.01534
.260	1.990	-.00819	.00412	.00693	-.02299	.01165	-.00794	-.00057	.00355	1.02020	.03987
.260	4.008	-.00742	.00309	.00543	-.03909	.01840	-.01274	-.00013	.00296	.99383	.05394
.260	6.041	-.00746	.00311	.00525	-.05842	.02638	-.01785	.00004	.00315	.97995	.06881
.260	8.049	-.00666	.00282	.00511	-.07474	.03294	-.02200	.00011	.00294	.97213	.07690
.260	10.091	-.00583	.00264	.00442	-.08309	.03601	-.02372	.00020	.00284	.96681	.08336
	GRADIENT	.00032	.00003	-.00015	-.00576	.00233	-.00167	.00000	.00004	.00912	-.00770

OA37 B26 C9 F9 M7 W116 E37 V8 R5 (AF2065) (01 JUL 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 INCHES
LREF = 474.8000 INCHES YMRP = .0000 INCHES
BREF = 936.8000 INCHES ZMRP = 375.0000 INCHES
SCALE = .0300

PARAMETRIC DATA

ALPHA = 10.000 BDFLAP = -11.700
ELEVON = .000 AILRON = .000
RUDDER = -10.000 SPDBRK = .000

RUN NO. 65/ 0 RN/L = 1.85 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CNV	CAFV	CLMV	CYV	CYNV	CBLV	CABV	CAUV	XCPV	ZCPV
.260	-10.109	-.00701	-.00043	.00228	.05417	-.02043	.01408	-.00107	-.00151	.92602	.10188
.260	-8.101	-.00698	.00141	.00305	.03760	-.01359	.00990	-.00052	.00088	.91463	.09951
.260	-6.059	-.00600	.00164	.00308	.02394	-.00790	.00608	.00008	.00173	.89193	.10600
.260	-4.036	-.00738	.00222	.00446	.00615	-.00063	.00140	-.00007	.00214	.72737	.12424
.260	-2.059	-.00998	.00411	.00747	-.00372	.00379	-.00195	-.00082	.00328	1.39121	-.09051
.260	-.007	-.00869	.00480	.00674	-.01342	.00747	-.00451	-.00123	.00357	1.05643	.04614
.260	1.986	-.00887	.00413	.00654	-.02284	.01128	-.00745	-.00071	.00342	1.01059	.05385
.260	4.009	-.00642	.00265	.00459	-.03732	.01741	-.01183	-.00011	.00254	.99082	.06043
.260	6.027	-.00586	.00167	.00228	-.05309	.02398	-.01623	.00032	.00199	.98059	.06870
.260	8.069	-.00588	.00149	.00239	-.06705	.02981	-.01996	.00043	.00193	.97493	.07444
.260	10.082	-.00554	.00145	.00243	-.08295	.03641	-.02424	.00037	.00182	.97081	.07843
	GRADIENT	.00015	.00004	-.00003	-.00527	.00216	-.00159	.00000	.00005	.00697	.00093

REPRODUCIBILITY OF THE ORIGINAL PAGE IS POOR

OA37 B26 C9 F9 M7 W116 E37 V8 R5 (AF2066) (01 JUL 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 INCHES
LREF = 474.8000 INCHES YMRP = .0000 INCHES
BREF = 936.8000 INCHES ZMRP = 375.0000 INCHES
SCALE = .0300

PARAMETRIC DATA

ALPHA = 15.000 BDFLAP = -11.700
ELEVON = .000 AILRON = .000
RUDDER = -10.000 SPDBRK = .000

RUN NO. 66/ 0 RN/L = 1.85 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CNV	CAFV	CLMV	CYV	CYNV	CBLV	CABV	CAUV	XCPV	ZCPV
.260	-10.092	-.00343	.00071	.00069	.04999	-.01989	.01410	-.00065	.00006	.94102	.08581
.260	-8.100	-.00430	.00111	.00146	.03616	-.01382	.01018	-.00006	.00105	.92960	.08619
.260	-6.113	-.00347	.00137	.00175	.02151	-.00747	.00618	.00018	.00155	.90442	.08211
.260	-4.035	-.00652	.00312	.00484	.00415	-.00014	.00147	-.00020	.00291	.67821	.03298
.260	-2.073	-.00687	.00374	.00533	-.00739	.00478	-.00223	-.00113	.00260	1.12188	.07172
.260	-.065	-.00808	.00519	.00652	-.01710	.00862	-.00503	-.00149	.00369	1.01815	.07703
.260	1.997	-.00873	.00405	.00644	-.02618	.01238	-.00792	-.00104	.00301	.99553	.07091
.260	4.000	-.00602	.00226	.00362	-.03765	.01763	-.01198	-.00045	.00180	.99211	.05946
.260	6.033	-.00381	.00242	.00233	-.05705	.02579	-.01718	.00004	.00246	.98037	.07192
.260	8.045	-.00189	.00004	.00069	-.07019	.03131	-.02088	.00045	.00049	.97598	.07464
.260	10.107	-.00162	-.00003	-.00006	-.08426	.03703	-.02452	.00063	.00059	.97119	.07932
	GRADIENT	-.00004	-.00007	-.00007	-.00508	.00214	-.00162	-.00002	-.00009	.02458	.00256

OA37 B26 C9 F9 M7 W116 E37 V8 R5 (AF2067) (01 JUL 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 INCHES
LREF = 474.8000 INCHES YMRP = .0000 INCHES
BREF = 936.8000 INCHES ZMRP = 375.0000 INCHES
SCALE = .0300

PARAMETRIC DATA

ALPHA = 20.000 BDFLAP = -11.700
ELEVON = .000 AILRON = .000
RUDDER = -10.000 SPDBRK = .000

RUN NO. 67/ 0 RN/L = 1.85 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CNV	CAFV	CLMV	CYV	CYNV	CBLV	CABV	CAUV	XCPV	ZCPV
.260	-10.079	-.00349	-.00079	-.00062	.06210	-.02508	.01685	-.00053	-.00133	.94530	.09361
.260	-8.077	-.00566	-.00038	.00159	.04242	-.01667	.01209	.00037	-.00001	.93748	.08375
.260	-6.054	-.00797	.00171	.00358	.02540	-.00935	.00730	-.00053	.00117	.91943	.08191
.260	-4.042	-.00827	.00389	.00537	.00988	-.00225	.00231	-.00119	.00270	.81744	.12028
.260	-2.034	-.01029	.00442	.00729	-.00368	.00368	-.00200	-.00163	.00278	1.37744	-.10541
.260	-.026	-.00981	.00521	.00770	-.01381	.00778	-.00489	-.00184	.00336	1.06138	.03351
.260	2.027	-.00984	.00405	.00665	-.02350	.01208	-.00828	-.00173	.00231	1.02543	.03479
.260	4.041	-.00505	.00367	.00433	-.04053	.01961	-.01355	-.00122	.00245	1.00338	.04796
.260	6.054	-.00357	.00288	.00282	-.05610	.02658	-.01850	-.00039	.00249	.99607	.05125
.260	8.077	-.00317	.00059	.00117	-.07083	.03254	-.02247	.00035	.00094	.98565	.06024
.260	10.125	-.00001	-.00081	-.00207	-.08787	.03945	-.02674	.00065	-.00015	.97808	.06970
	GRADIENT	.00034	-.00004	-.00014	-.00596	.00258	-.00188	-.00001	-.00005	.00087	-.00018

OA37 B26 C9 F9 M7 W116 E37 V8 R5 (AF2068) (01 JUL 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 INCHES
LREF = 474.8000 INCHES YMRP = .0000 INCHES
BREF = 936.8000 INCHES ZMRP = 375.0000 INCHES
SCALE = .0300

PARAMETRIC DATA

ALPHA = .000 BDFLAP = -11.700
ELEVON = .000 AILRON = .000
RUDDER = .000 SPDBRK = .000

RUN NO. 68/ 0 RN/L = 1.85 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CNV	CAFV	CLMV	CYV	CYNV	CBLV	CABV	CAUV	XCPV	ZCPV
.260	-10.089	-.00755	-.00067	.00199	.07696	-.03047	.01952	-.00127	-.00195	.93954	.10647
.260	-8.111	-.00878	-.00111	.00294	.06347	-.02540	.01646	-.00070	-.00181	.94266	.10231
.260	-6.063	-.00625	-.00112	.00139	.04892	-.01946	.01303	-.00011	-.00123	.94094	.09718
.260	-4.015	-.00862	-.00067	.00361	.03365	-.01318	.00883	-.00008	-.00076	.93667	.10009
.260	-2.058	-.01221	.00086	.00617	.01793	-.00676	.00464	-.00060	.00026	.92604	.10266
.260	-.025	-.01429	.00119	.00747	.00880	-.00244	.00097	-.00083	.00035	.85394	.21041
.260	2.012	-.00943	.00029	.00460	-.00311	.00244	-.00265	-.00062	-.00033	1.22328	-.32827
.260	4.035	-.00844	.00033	.00410	-.01707	.00824	-.00658	-.00015	.00017	1.00257	.01062
.260	6.048	-.01054	-.00058	.00425	-.03319	.01498	-.01108	.00003	-.00054	.97987	.04818
.260	8.076	-.00672	-.00107	.00190	-.04909	.02132	-.01498	.00009	-.00098	.96742	.06911
.260	10.103	-.00696	-.00153	.00172	-.06122	.02608	-.01793	.00017	-.00136	.96142	.07799
	GRADIENT	.00016	.00007	-.00003	-.00607	.00258	-.00189	-.00001	.00006	.02137	-.03036

OA37 B26 C9 F9 M7 W116 E37 V8 R5 (AF2069) (01 JUL 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 INCHES
LREF = 474.8000 INCHES YMRP = .0000 INCHES
BREF = 936.8000 INCHES ZMRP = 375.0000 INCHES
SCALE = .0300

PARAMETRIC DATA

ALPHA = 10.000 BDFLAP = -11.700
ELEVON = .000 AILRON = .000
RUDDER = .000 SPDBRK = .000

RUN NO. 69/ 0 RN/L = 1.85 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CNV	CAFV	CLMV	CYV	CYNV	CBLV	CABV	CAUV	XCPV	ZCPV
.260	-10.121	-.00656	-.00121	.00113	.07554	-.03044	.02017	-.00106	-.00228	.94473	.09674
.260	-8.064	-.00454	-.00083	.00004	.05787	-.02337	.01551	-.00055	-.00139	.94533	.09598
.260	-6.061	-.00628	-.00117	.00124	.04455	-.01793	.01215	.00005	-.00112	.94441	.09263
.260	-4.034	-.00771	.00085	.00322	.03012	-.01190	.00815	-.00056	.00079	.93906	.09410
.260	-2.037	-.01082	.00101	.00540	.01795	-.00680	.00443	-.00070	.00031	.92731	.11138
.260	-.029	-.00980	.00139	.00552	.00738	-.00219	.00094	-.00119	.00019	.86821	.19740
.260	2.024	-.01167	.00067	.00544	-.00379	.00250	-.00234	-.00069	-.00001	1.13161	-.15741
.260	4.032	-.00833	.00021	.00365	-.01846	.00836	-.00630	-.00005	.00018	.98109	.04255
.260	6.069	-.00586	-.00082	.00162	-.03262	.01456	-.01053	.00031	-.00050	.97627	.05616
.260	8.082	-.00519	-.00126	.00059	-.04590	.02012	-.01410	.00045	-.00081	.97036	.06751
.260	10.114	-.00603	-.00252	.00051	-.06067	.02633	-.01810	.00039	-.00213	.96719	.07396
	GRADIENT	-.00010	-.00008	.00004	-.00589	.00247	-.00177	.00000	-.00008	.01438	-.01856

REPRODUCIBILITY OF THE ORIGINAL PAGE IS POOR

OA37 B26 C9 F9 M7 W116 E37 V8 R5 (AF2070) (01 JUL 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 INCHES
LREF = 474.8000 INCHES YMRP = .0000 INCHES
BREF = 936.8000 INCHES ZMRP = 375.0000 INCHES
SCALE = .0300

PARAMETRIC DATA

ALPHA = 15.000 BDFLAP = -11.700
ELEVON = .000 AILRON = .000
RUDDER = .000 SPDBRK = .000

RUN NO. 70/ 0 RN/L = 1.85 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CNV	CAFV	CLMV	CYV	CYNV	CBLV	CABV	CAUV	XCPV	ZCPV
.260	-10.099	-.00678	-.00041	.00190	.07229	-.03021	.02025	-.00067	-.00108	.95556	.08719
.260	-8.072	-.00511	-.00097	.00012	.05816	-.02393	.01628	-.00017	-.00114	.95089	.08741
.260	-6.075	-.00542	-.00056	.00055	.04455	-.01836	.01256	.00020	-.00036	.95145	.08595
.260	-4.008	-.00923	.00028	.00371	.02877	-.01170	.00811	-.00012	.00016	.94734	.08593
.260	-2.050	-.01012	.00199	.00512	.01704	-.00664	.00465	-.00101	.00098	.93488	.09226
.260	-.023	-.00948	.00180	.00512	.00523	-.00157	.00079	-.00148	.00031	.86985	.18091
.260	2.015	-.00961	.00106	.00447	-.00630	.00324	-.00263	-.00107	-.00001	1.02593	-.01294
.260	4.037	-.00898	-.00037	.00354	-.01878	.00866	-.00665	-.00043	-.00081	.98722	.03357
.260	6.060	-.00573	-.00104	.00140	-.03617	.01608	-.01147	.00008	-.00095	.97492	.06029
.260	8.073	-.00476	-.00188	.00055	-.05213	.02262	-.01561	.00046	-.00141	.96716	.07316
.260	10.105	-.00365	-.00339	-.00099	-.06616	.02857	-.01934	.00061	-.00278	.96560	.07843
	GRADIENT	.00005	-.00011	-.00005	-.00588	.00251	-.00183	-.00003	-.00015	.00854	-.01049

OA37 B26 C9 F9 M7 W116 E37 V8 R5 (AF2071) (01 JUL 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 INCHES
LREF = 474.8000 INCHES YMRP = .0000 INCHES
BREF = 936.8000 INCHES ZMRP = 375.0000 INCHES
SCALE = .0300

PARAMETRIC DATA

ALPHA = 20.000 BDFLAP = -11.700
ELEVON = .000 AILRON = .000
RUDDER = .000 SPDBRK = .000

RUN NO. 71/ 0 RN/L = 1.85 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CNV	CAFV	CLMV	CYV	CYNV	CBLV	CABV	CAUV	XCPV	ZCPV
.260	-10.121	-.00386	-.00014	-.00001	.07782	-.03297	.02184	-.00075	-.00090	.95974	.08689
.260	-8.114	-.00266	-.00105	-.00170	.05828	-.02510	.01751	.00040	-.00064	.96484	.07252
.260	-6.102	-.00646	-.00048	.00130	.04433	-.01920	.01362	-.00042	-.00091	.96667	.06751
.260	-4.034	-.00631	.00071	.00134	.03065	-.01288	.00908	-.00110	-.00038	.95720	.07554
.260	-2.061	-.00704	.00235	.00363	.01426	-.00610	.00429	-.00154	.00081	.96279	.07214
.260	-.058	-.00865	.00253	.00443	.00311	-.00092	.00047	-.00178	.00074	.86680	.17949
.260	1.996	-.00815	.00176	.00414	-.00810	.00410	-.00313	-.00175	.00000	1.01969	.00980
.260	4.009	-.00470	.00103	.00146	-.02237	.01045	-.00783	-.00126	-.00022	.99124	.03657
.260	6.043	-.00554	-.00138	.00051	-.03915	.01803	-.01295	-.00034	-.00173	.98646	.05049
.260	8.075	-.00035	-.00221	-.00248	-.05432	.02459	-.01695	.00038	-.00182	.97416	.06412
.260	10.093	.00203	-.00317	-.00467	-.07122	.03125	-.02130	.00058	-.00259	.97072	.07344
	GRADIENT	.00011	.00000	.00003	-.00637	.00282	-.00205	-.00003	-.00003	.00629	-.00706

OA37 B26 C9 F9 M7 W116 E37 V18 R5 (AF2072) (01 JUL 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 INCHES
LREF = 474.8000 INCHES YMRP = .0000 INCHES
BREF = 936.8000 INCHES ZMRP = 375.0000 INCHES
SCALE = .0300

PARAMETRIC DATA

BETA = .000 BDFLAP = -11.700
ELEVON = .000 AILRON = .000
RUDDER = .000 SPDBRK = .000

RUN NO. 72/ 0 RN/L = 1.85 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CNV	CAFV	CLMV	CyV	CyNV	CBLV	CABV	CAUV	XCPV	ZCPV
.260	-4.153	-.01628	.00153	.00817	.00331	-.00052	.00020	-.00092	.00060	.76788	.24548
.260	-2.090	-.01445	.00142	.00719	.00411	-.00088	.00032	-.00087	.00055	.80845	.23329
.260	-1.053	-.01432	.00139	.00720	.00564	-.00134	.00059	-.00086	.00052	.82562	.21476
.260	-.012	-.01476	.00123	.00762	.00454	-.00112	.00051	-.00082	.00041	.83104	.20818
.260	.984	-.01289	.00131	.00668	.00411	-.00094	.00047	-.00075	.00055	.81920	.20712
.260	2.036	-.01367	.00110	.00675	.00448	-.00116	.00060	-.00070	.00040	.84065	.19255
.260	4.101	-.01349	.00129	.00723	.00487	-.00129	.00065	-.00065	.00064	.84502	.19277
.260	6.136	-.01223	.00165	.00649	.00481	-.00137	.00070	-.00080	.00084	.85987	.18502
.260	8.211	-.00978	.00178	.00532	.00553	-.00168	.00088	-.00093	.00084	.87247	.17498
.260	10.270	-.00934	.00099	.00514	.00700	-.00210	.00100	-.00105	-.00005	.86996	.18640
.260	12.331	-.00965	.00130	.00499	.00733	-.00234	.00119	-.00124	.00006	.88376	.17272
.260	14.390	-.00966	.00210	.00506	.00602	-.00179	.00087	-.00129	.00080	.86816	.18558
.260	16.460	-.01111	.00161	.00587	.00596	-.00177	.00087	-.00132	.00029	.86846	.18393
.260	18.527	-.01067	.00132	.00552	.00352	-.00088	.00048	-.00154	-.00021	.83528	.19137
.260	20.605	-.01150	.00146	.00586	.00424	-.00116	.00055	-.00166	-.00019	.85063	.19496
.260	22.651	-.01095	.00200	.00567	.00498	-.00136	.00079	-.00169	.00030	.85042	.17548
.260	24.722	-.01124	.00209	.00585	.00451	-.00108	.00049	-.00168	.00040	.82688	.21118
.260	26.765	-.01208	.00153	.00558	.00482	-.00119	.00041	-.00204	-.00050	.83136	.22870
.260	28.777	-.01424	.00269	.00800	.00468	-.00132	.00062	-.00221	.00048	.85748	.19343
.260	30.724	-.01565	.00133	.00795	.01066	-.00373	.00204	-.00196	-.00063	.90599	.15152
	GRADIENT	.00033	-.00004	-.00012	.00013	-.00007	.00005	.00004	-.00000	.00847	-.00693

REPRODUCIBILITY OF THE ORIGINAL PAGE IS POOR

OA37 B26 C9 F9 MT W116 E37 V18 R5 (AF2073) (01 JUL 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 INCHES
LREF = 474.8000 INCHES YMRP = .0000 INCHES
BREF = 936.8000 INCHES ZMRP = 375.0000 INCHES
SCALE = .0300

PARAMETRIC DATA

ALPHA = .000 BDFLAP = -11.700
ELEVON = .000 AILRON = .000
RUDDER = .000 SPDBRK = .000

RUN NO. 73/ 0 RN/L = 1.85 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CNV	CAFV	CLMV	CYV	CYNV	CBLV	CABV	CAUV	XCPV	ZCPV
.260	-10.124	-.00641	-.00136	.00125	.08015	-.03255	.02111	-.00128	-.00264	.94700	.09944
.260	-8.102	-.00445	-.00112	.00034	.06557	-.02651	.01747	-.00074	-.00187	.94572	.09722
.260	-6.094	-.00289	-.00103	-.00041	.04945	-.02009	.01335	-.00012	-.00116	.94706	.09452
.260	-4.046	-.00485	-.00045	.00156	.03325	-.01316	.00873	-.00011	-.00057	.93948	.10004
.260	-2.048	-.00896	.00072	.00435	.01826	-.00678	.00458	-.00059	.00013	.92159	.10844
.260	-.040	-.01114	.00164	.00618	.00343	-.00086	.00028	-.00081	.00082	.83448	.22962
.260	1.987	-.00624	.00059	.00301	-.00702	.00372	-.00311	-.00058	.00001	1.03714	-.03176
.260	4.010	-.00564	.00039	.00247	-.02177	.00973	-.00728	-.00013	.00026	.97666	.04762
.260	6.043	-.00509	.00003	.00174	-.03746	.01636	-.01178	.00003	.00007	.96923	.06219
.260	8.046	-.00210	-.00085	-.00088	-.05520	.02358	-.01627	.00010	-.00075	.96229	.07657
.260	10.089	-.00390	-.00170	-.00018	-.06989	.02961	-.02008	.00019	-.00150	.95975	.08199
	GRADIENT	.00006	.00008	.00002	-.00672	.00279	-.00197	-.00000	.00008	.00947	-.01221

OA37 B26 C9 F9 MT W116 E37 V18 R5 (AF2074) (01 JUL 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 INCHES
LREF = 474.8000 INCHES YMRP = .0000 INCHES
BREF = 936.8000 INCHES ZMRP = 375.0000 INCHES
SCALE = .0300

PARAMETRIC DATA

ALPHA = 10.000 BDFLAP = -11.700
ELEVON = .000 AILRON = .000
RUDDER = .000 SPDBRK = .000

RUN NO. 74/ 0 RN/L = 1.85 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CNV	CAFV	CLMV	CYV	CYNV	CBLV	CABV	CAUV	XCPV	ZCPV
.260	-10.127	-.00442	-.00169	-.00044	.07668	-.03177	.02129	-.00106	-.00276	.95294	.08903
.260	-8.109	-.00479	-.00114	-.00038	.05685	-.02354	.01592	-.00054	-.00168	.95282	.08724
.260	-6.101	-.00150	-.00088	-.00167	.04264	-.01754	.01203	.00005	-.00083	.95079	.08572
.260	-4.029	-.00396	.00054	.00107	.02740	-.01117	.00794	.00000	.00054	.94820	.08004
.260	-2.066	-.00749	.00105	.00336	.01568	-.00625	.00437	-.00055	.00050	.94167	.08794
.260	-.039	-.00737	.00161	.00394	.00433	-.00141	.00085	-.00105	.00056	.88996	.14736
.260	1.994	-.00806	.00085	.00387	-.00608	.00315	-.00264	-.00055	.00029	1.02845	-.02508
.260	4.006	-.00467	.00050	.00181	-.02010	.00904	-.00687	.00001	.00052	.97874	.04229
.260	6.040	-.00064	-.00169	-.00201	-.03557	.01562	-.01110	.00035	-.00133	.97096	.06395
.260	8.057	.00000	-.00138	-.00287	-.04999	.02165	-.01513	.00045	-.00092	.96658	.07093
.260	10.090	-.00152	-.00233	-.00216	-.06855	.02945	-.02010	.00040	-.00192	.96402	.07778
	GRADIENT	-.00010	-.00001	.00010	-.00580	.00247	-.00182	.00000	-.00001	.00739	-.00942

OA37 B26 C9 F9 M7 W116 E37 V18 R5 (AF2075) (01 JUL 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 INCHES
LREF = 474.8000 INCHES YMRP = .0000 INCHES
BREF = 936.8000 INCHES ZMRP = 375.0000 INCHES
SCALE = .0350

PARAMETRIC DATA

ALPHA = 15.000 BDFLAP = -11.700
ELEVON = .000 AILRON = .000
RUDDER = .000 SPDBRK = .000

RUN NO. 75/ 0 RN/L = 1.85 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CNV	CAFV	CLMV	CYV	CYNV	CBLV	CABV	CAUV	XCPV	ZCPV
.260	-10.129	-.00272	-.00124	-.00132	.07240	-.03082	.02089	-.00069	-.00194	.96117	.08117
.260	-8.082	-.00076	-.00103	-.00234	.05725	-.02435	.01659	-.00023	-.00126	.96094	.08028
.260	-6.095	-.00266	-.00045	-.00070	.04272	-.01805	.01269	.00023	-.00021	.95890	.07490
.260	-4.063	-.00503	.00080	.00152	.02649	-.01112	.00790	-.00005	.00074	.95686	.07393
.260	-2.071	-.00765	.00152	.00335	.01475	-.00613	.00429	-.00082	.00070	.95376	.07935
.260	-.032	-.00806	.00197	.00433	.00373	-.00120	.00067	-.00132	.00065	.88723	.16007
.260	1.995	-.00777	.00156	.00363	-.00822	.00380	-.00294	-.00091	.00065	.98767	.03056
.260	4.018	-.00671	.00003	.00240	-.02157	.00967	-.00714	-.00030	-.00026	.97756	.05021
.260	6.045	-.00224	-.00117	-.00142	-.03746	.01647	-.01166	.00014	-.00102	.97131	.06457
.260	8.068	-.00331	-.00264	-.00089	-.05399	.02353	-.01641	.00047	-.00217	.96860	.06991
.260	10.090	-.00143	-.00297	-.00211	-.06873	.02972	-.02011	.00061	-.00235	.96602	.07823
	GRADIENT	-.00017	-.00007	.00010	-.00589	.00255	-.00184	-.00003	-.00010	.00373	-.00477

OA37 B26 C9 F9 M7 W116 E37 V18 R5 (AF2076) (01 JUL 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 INCHES
LREF = 474.8000 INCHES YMRP = .0000 INCHES
BREF = 936.8000 INCHES ZMRP = 375.0000 INCHES
SCALE = .0300

PARAMETRIC DATA

ALPHA = 20.000 BDFLAP = -11.700
ELEVON = .000 AILRON = .000
RUDDER = .000 SPDBRK = .000

RUN NO. 76/ 0 RN/L = 1.85 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CNV	CAFV	CLMV	CYV	CYNV	CBLV	CABV	CAUV	XCPV	ZCPV
.260	-10.131	-.00306	-.00089	-.00128	.07826	-.03377	.02242	-.00082	-.00171	.96545	.08263
.260	-8.074	-.00205	-.00181	-.00216	.05937	-.02620	.01813	.00041	-.00139	.97256	.06894
.260	-6.051	-.00478	-.00053	-.00039	.04470	-.01964	.01393	-.00034	-.00088	.97113	.06433
.260	-4.034	-.00624	.00084	.00125	.02875	-.01246	.00871	-.00087	-.00003	.96688	.07073
.260	-2.051	-.00884	.00190	.00428	.01540	-.00638	.00432	-.00134	.00055	.95301	.08679
.260	-.033	-.00827	.00212	.00432	.00274	-.00080	.00033	-.00165	.00046	.86507	.20106
.260	2.021	-.00862	.00240	.00458	-.00810	.00409	-.00334	-.00159	.00081	1.01880	-.00858
.260	4.030	-.00643	.00017	.00166	-.02441	.01120	-.00834	-.00098	-.00080	.98516	.04259
.260	6.073	-.00424	-.00104	-.00063	-.04242	.01927	-.01391	-.00017	-.00121	.98194	.05261
.260	8.096	-.00026	-.00360	-.00367	-.05660	.02529	-.01796	.00043	-.00317	.97652	.06022
.260	10.103	.00000	-.00380	-.00355	-.07762	.03362	-.02294	.00060	-.00320	.96664	.07606
	GRADIENT	-.00001	-.00004	.00005	-.00643	.00286	-.00207	-.00002	-.00006	.00514	-.00761

REPRODUCIBILITY OF THE ORIGINAL PAGE IS POOR

OA37 B26 C9 F9 M7 W16 E38 V8 R5 (AF2077) (01 JUL 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 INCHES
LREF = 474.8000 INCHES YMRP = .0000 INCHES
BREF = 936.8000 INCHES ZMRP = 375.0000 INCHES
SCALE = .0300

PARAMETRIC DATA

BETA = .000 BDFLAP = 16.300
ELEVON = .000 AILRON = .000
RUDDER = .000 SPDBRK = 25.000

RUN NO. 77/ 0 RN/L = 1.85 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CNV	CAFV	CLMV	CYV	CYNV	CBLV	CABV	CAUV	XCPV	ZCPV
.260	-4.115	-.02163	.00711	.01601	.00303	-.00053	.00024	-.00090	.00621	.78032	.23171
.260	-2.093	-.02124	.00663	.01572	.00420	-.00094	.00051	-.00089	.00574	.81485	.20177
.260	-1.031	-.02021	.00652	.01529	.00383	-.00088	.00047	-.00085	.00566	.82031	.20153
.260	.017	-.01907	.00647	.01433	.00381	-.00093	.00066	-.00081	.00565	.83060	.16485
.260	1.007	-.01969	.00663	.01525	.00426	-.00114	.00086	-.00077	.00585	.84718	.14395
.260	2.064	-.01836	.00648	.01467	.00385	-.00102	.00057	-.00070	.00577	.84529	.18305
.260	4.134	-.01790	.00656	.01416	.00416	-.00115	.00085	-.00066	.00590	.85278	.14126
.260	6.187	-.01769	.00634	.01412	.00370	-.00100	.00081	-.00074	.00559	.84912	.13025
.260	8.211	-.01520	.00625	.01263	.00441	-.00130	.00089	-.00072	.00553	.86729	.14267
.260	10.280	-.01440	.00648	.01276	.00554	-.00168	.00103	-.00083	.00565	.87256	.15478
.260	12.330	-.01127	.00582	.01128	.00548	-.00169	.00114	-.00104	.00478	.87678	.13910
.260	14.414	-.01389	.00642	.01221	.00456	-.00133	.00105	-.00121	.00521	.86421	.12223
.260	16.473	-.01522	.00669	.01279	.00292	-.00085	.00058	-.00130	.00538	.86307	.14452
.260	18.538	-.01614	.00686	.01326	.00363	-.00104	.00082	-.00156	.00530	.86062	.12582
.260	20.595	-.01623	.00602	.01353	.00514	-.00150	.00104	-.00168	.00433	.86447	.14309
.260	22.704	-.01521	.00697	.01318	.00386	-.00093	.00057	-.00176	.00521	.82843	.18323
.260	24.728	-.01641	.00823	.01531	.00357	-.00078	.00035	-.00179	.00652	.81179	.21909
.260	26.813	-.01763	.00727	.01489	.00350	-.00079	.00037	-.00202	.00525	.81580	.21323
.260	28.818	-.01939	.00900	.01746	.00448	-.00120	.00051	-.00215	.00685	.84693	.20671
.260	30.760	-.02041	.01007	.02002	.00551	-.00151	.00092	-.00209	.00798	.85185	.16897
	GRADIENT	.00049	-.00006	-.00022	.00010	-.00007	.00007	.00003	-.00002	.00870	-.01053

OA37 B26 C9 F9 M7 W116 E38 V8 R5 (AF2078) (01 JUL 74)

REFERENCE DATA

SREF = 2890.0000 SQ.FT. XMRP = 1076.7000 INCHES
LREF = 474.8000 INCHES YMRP = .0000 INCHES
BREF = 936.8000 INCHES ZMRP = 375.0000 INCHES
SCALE = .0300

PARAMETRIC DATA

BETA = .000 BDFLAP = 16.300
ELEVON = 15.000 AILRON = .000
RUDDER = .000 SPDBRK = 25.000

RUN NO. 78/ 0 RN/L = 1.85 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CNV	CAFV	CLMV	CYV	CYNV	CBLV	CABV	CAUV	XCPV	ZCPV
.260	-3.986	-.02023	.00723	.01522	.00149	-.00009	.00012	-.00083	.00639	.69866	.22816
.260	-1.953	-.01767	.00689	.01427	.00198	-.00040	.00041	-.00078	.00611	.80133	.13721
.260	-.916	-.01669	.00756	.01413	.00275	-.00062	.00045	-.00075	.00681	.81796	.17090
.260	.145	-.01715	.00737	.01455	.00314	-.00075	.00064	-.00071	.00666	.82538	.14093
.260	1.133	-.01652	.00772	.01408	.00469	-.00136	.00075	-.00068	.00704	.86260	.17400
.260	2.193	-.01631	.00637	.01302	.00263	-.00065	.00053	-.00064	.00572	.83248	.14367
.260	4.253	-.01687	.00682	.01347	.00338	-.00096	.00066	-.00064	.00618	.85971	.14775
.260	6.312	-.01660	.00629	.01301	.00249	-.00064	.00063	-.00086	.00543	.83977	.10675
.260	8.373	-.01520	.00693	.01279	.00289	-.00090	.00083	-.00129	.00564	.87936	.08227
.260	10.408	-.01449	.00626	.01183	.00390	-.00121	.00084	-.00172	.00453	.87773	.13310
.260	12.480	-.01551	.00648	.01259	.00421	-.00125	.00095	-.00196	.00451	.86751	.12684
.260	14.556	-.01552	.00702	.01269	.00299	-.00092	.00077	-.00195	.00507	.87636	.10209
.260	16.633	-.01685	.00615	.01293	.00251	-.00077	.00073	-.00185	.00430	.87489	.07833
.260	18.657	-.01636	.00549	.01239	.00162	-.00042	.00055	-.00176	.00373	.84061	.04427
.260	20.755	-.01493	.00669	.01308	.00127	-.00024	.00043	-.00175	.00494	.79356	.04212
.260	22.841	-.01468	.00645	.01258	.00233	-.00053	.00034	-.00190	.00455	.81981	.18201
.260	24.861	-.01789	.00766	.01496	.00003	.00023	-.00009	-.00203	.00563	-4.22343	2.22327
.260	26.861	-.01625	.00816	.01452	.00403	-.00123	.00086	-.00207	.00608	.87511	.13555
.260	28.851	-.01598	.00980	.01647	.00231	-.00067	.00053	-.00208	.00772	.86500	.12383
.260	30.806	-.01463	.01234	.01822	.00046	-.00053	.00084	-.00183	.01050	1.49433	-1.03255
	GRADIENT	.00038	-.00006	-.00022	.00025	-.00011	.00006	.00003	-.00003	.01731	-.00765

OA37 B26 C9 F9 M7 W116 E37 V8 R5 (AF2079) (01 JUL 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 INCHES
LREF = 474.8000 INCHES YMRP = .0000 INCHES
BREF = 936.8000 INCHES ZMRP = 375.0000 INCHES
SCALE = .0300

PARAMETRIC DATA

BETA = .000 BDFLAP = -11.700
ELEVON = .000 AILRON = .000
RUDDER = .000 SPOBRK = .000

RUN NO. 79/ 0 RN/L = 1.85 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CNV	CAFV	CLMV	CYV	CYNV	CBLV	CABV	CAUV	XCPV	ZCPV
.260	-4.163	-.01720	.00194	.00892	.00354	-.00064	.00014	-.00093	.00101	.78424	.26080
.260	-2.116	-.01595	.00176	.00827	.00454	-.00104	.00036	-.00090	.00086	.81932	.23150
.260	-1.091	-.01558	.00163	.00808	.00549	-.00142	.00056	-.00087	.00075	.84012	.21647
.260	-.022	-.01527	.00153	.00791	.00534	-.00138	.00053	-.00084	.00068	.83953	.21866
.260	1.008	-.01506	.00139	.00781	.00502	-.00127	.00045	-.00077	.00061	.83715	.22478
.260	2.031	-.01522	.00132	.00788	.00538	-.00141	.00054	-.00072	.00060	.84328	.21705
.260	4.079	-.01504	.00105	.00771	.00559	-.00156	.00066	-.00066	.00039	.85470	.20433
.260	6.151	-.01422	.00100	.00725	.00510	-.00145	.00062	-.00086	.00013	.85857	.20200
.260	8.198	-.01182	.00110	.00619	.00532	-.00156	.00074	-.00102	.00007	.86533	.18915
.260	10.243	-.01124	.00117	.00591	.00531	-.00155	.00075	-.00116	.00000	.86502	.18681
.260	12.302	-.01151	.00128	.00604	.00550	-.00161	.00078	-.00132	-.00003	.86524	.18737
.260	14.387	-.01193	.00119	.00619	.00513	-.00147	.00066	-.00142	-.00022	.86054	.19636
.260	16.418	-.01215	.00120	.00625	.00477	-.00134	.00060	-.00153	-.00032	.85670	.19881
.260	18.507	-.01304	.00124	.00664	.00430	-.00117	.00052	-.00184	-.00059	.84942	.20162
.260	20.597	-.01366	.00133	.00695	.00433	-.00119	.00056	-.00187	-.00054	.85199	.19601
.260	22.644	-.01323	.00143	.00683	.00400	-.00102	.00041	-.00180	-.00036	.83863	.21491
.260	24.719	-.01261	.00182	.00677	.00444	-.00113	.00045	-.00182	.00000	.83766	.21570
.260	26.765	-.01368	.00168	.00722	.00403	-.00100	.00038	-.00211	-.00043	.83352	.22073
.260	28.778	-.01480	.00160	.00776	.00482	-.00140	.00071	-.00226	-.00065	.86381	.18357
.260	30.730	-.01445	.00179	.00777	.00576	-.00193	.00106	-.00208	-.00029	.89602	.15668
	GRADIENT	.00024	-.00011	-.00014	.00022	-.00010	.00005	.00004	-.00007	.00753	-.00568

OA37 B26 C9 F9 M7 W116 E37 V8 R5 (AF2080) (01 JUL 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 INCHES
LREF = 474.8000 INCHES YMRP = .0000 INCHES
BREF = 936.8000 INCHES ZMRP = 375.0000 INCHES
SCALE = .0300

PARAMETRIC DATA

ALPHA = .000 BDFLAP = -11.700
ELEVON = .000 AILRON = .000
RUDDER = .000 SPDBRK = .000

RUN NO. 80/ 0 RN/L = 1.85 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CNV	CAFV	CLMV	CYV	CYNV	CBLV	CABV	CAUV	XCPV	ZCPV
.260	-10.109	-.00714	-.00057	.00238	.07363	-.02953	.01907	-.00124	-.00182	.94328	.10258
.260	-8.137	-.00721	-.00079	.00232	.06052	-.02439	.01596	-.00070	-.00149	.94473	.09916
.260	-6.089	-.00708	-.00097	.00243	.04601	-.01853	.01231	-.00011	-.00108	.94462	.09640
.260	-4.046	-.00691	-.00019	.00301	.03028	-.01207	.00806	-.00010	-.00029	.94157	.09717
.260	-2.068	-.00876	.00101	.00462	.01626	-.00617	.00403	-.00058	.00043	.92769	.11044
.260	-.041	-.01125	.00156	.00621	.00432	-.00115	.00043	-.00083	.00073	.84659	.21784
.260	1.977	-.00680	.00099	.00376	-.00731	.00371	-.00306	-.00061	.00038	1.02082	-.01342
.260	3.999	-.00566	.00053	.00265	-.02120	.00944	-.00706	-.00014	.00038	.97561	.04873
.260	6.017	-.00565	-.00011	.00202	-.03769	.01622	-.01159	.00003	-.00008	.96459	.06737
.260	8.035	-.00522	-.00070	.00146	-.05215	.02215	-.01539	.00010	-.00060	.96057	.07639
.260	10.052	-.00437	-.00103	.00108	-.06551	.02734	-.01849	.00017	-.00085	.95518	.08573
	GRADIENT	.00022	.00007	-.00008	-.00628	.00263	-.00185	-.00001	.00006	.00803	-.01099

OA37 B26 C9 F9 M7 W116 E37 V8 R5 (AF2081) (01 JUL 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 INCHES
LREF = 474.8000 INCHES YMRP = .0000 INCHES
BREF = 936.8000 INCHES ZMRP = 375.0000 INCHES
SCALE = .0300

PARAMETRIC DATA

ALPHA = 10.000 BDFLAP = -11.700
ELEVON = .000 AILRON = .000
RUDDER = .000 SPDBRK = .000

RUN NO. 81/ 0 RN/L = 1.85 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CNV	CAFV	CLMV	CYV	CYNV	CBLV	CABV	CAUV	XCPV	ZCPV
.260	-10.131	-.00568	-.00110	.00078	.07100	-.02924	.01951	-.00107	-.00217	.95117	.09109
.260	-8.079	-.00527	-.00047	.00091	.05380	-.02207	.01496	-.00053	-.00101	.95001	.08873
.260	-6.062	-.00462	-.00044	.00096	.04020	-.01656	.01143	.00005	-.00039	.95122	.08415
.260	-4.064	-.00494	.00044	.00184	.02583	-.01056	.00747	-.00007	.00036	.94900	.08046
.260	-2.062	-.00703	.00089	.00344	.01421	-.00563	.00392	-.00070	.00019	.93978	.08994
.260	-.045	-.00632	.00163	.00367	.00328	-.00102	.00060	-.00120	.00043	.87985	.15604
.260	1.988	-.00728	.00066	.00363	-.00750	.00355	-.00277	-.00070	-.00003	.99587	.02219
.260	3.996	-.00565	-.00031	.00215	-.02008	.00882	-.00660	-.00007	-.00039	.97104	.05192
.260	6.014	-.00241	-.00109	-.00024	-.03624	.01563	-.01108	.00033	-.00076	.96522	.06856
.260	8.031	-.00230	-.00102	-.00059	-.04994	.02126	-.01467	.00045	-.00057	.96123	.07733
.260	10.044	-.00273	-.00185	-.00051	-.06556	.02775	-.01889	.00041	-.00144	.95941	.08144
	GRADIENT	-.00008	-.00009	.00004	-.00563	.00238	-.00173	.00000	-.00009	.00499	-.00622

OA37 B26 C9 F9 M7 W116 E37 V8 R5 (AF2082) (01 JUL 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 INCHES
LREF = 474.8000 INCHES YMRP = .0000 INCHES
BREF = 936.8000 INCHES ZMRP = 375.0000 INCHES
SCALE = .0300

PARAMETRIC DATA

ALPHA = 15.000 BDFLAP = -11.700
ELEVON = .000 AILRON = .000
RUDDER = .000 SPDBRK = .000

RUN NO. 82/ 0 RN/L = 1.85 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CNV	CAFV	CLMV	CYV	CYNV	CBLV	CABV	CAUV	XCPV	ZCPV
.260	-10.124	-.00330	-.00074	-.00040	.06733	-.02846	.01934	-.00070	-.00144	.95909	.08207
.260	-8.087	-.00319	-.00074	-.00025	.05324	-.02252	.01553	-.00017	-.00092	.95924	.07886
.260	-6.071	-.00305	-.00081	-.00021	.03893	-.01660	.01175	.00020	-.00061	.96177	.07145
.260	-4.033	-.00532	.00045	.00182	.02451	-.01037	.00751	-.00015	.00029	.95937	.06805
.260	-2.046	-.00653	.00133	.00317	.01294	-.00541	.00388	-.00104	.00029	.95544	.07261
.260	-.033	-.00588	.00190	.00344	.00154	-.00053	.00041	-.00154	.00035	.90156	.09591
.260	1.985	-.00615	.00113	.00307	-.00914	.00407	-.00296	-.00112	.00000	.97538	.05523
.260	3.997	-.00455	-.00001	.00142	-.02245	.00976	-.00713	-.00047	-.00048	.96790	.06002
.260	6.020	-.00191	-.00144	-.00088	-.03832	.01655	-.01172	.00015	-.00129	.96564	.06861
.260	8.047	-.00065	-.00237	-.00185	-.05316	.02278	-.01571	.00048	-.00189	.96322	.07603
.260	10.070	-.00024	-.00262	-.00210	-.06773	.02886	-.01955	.00064	-.00197	.96153	.08108
	GRADIENT	.00010	-.00006	-.00005	-.00577	.00248	-.00180	-.00004	-.00009	.00185	-.00167

OA37 B26 C9 F9 M7 W116 E37 V8 R5 (AF2083) (01 JUL 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 INCHES
LREF = 474.8000 INCHES YMRP = .0000 INCHES
BREF = 936.8000 INCHES ZMRP = 375.0000 INCHES
SCALE = .0300

PARAMETRIC DATA

ALPHA = 20.000 BDFLAP = -11.700
ELEVON = .000 AILRON = .000
RUDDER = .000 SPDBRK = .000

RUN NO. 83/ 0 RN/L = 1.85 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CNV	CAFV	CLMV	CYV	CYNV	CBLV	CABV	CAUV	XCPV	ZCPV
.260	-10.096	-.00550	-.00107	.00050	.07627	-.03233	.02145	-.00080	-.00188	.95987	.08641
.260	-8.070	-.00466	-.00176	-.00012	.05830	-.02508	.01738	.00038	-.00138	.96443	.07415
.260	-6.062	-.00717	-.00072	.00150	.04319	-.01878	.01337	-.00047	-.00120	.96778	.06593
.260	-4.010	-.00761	.00066	.00263	.02610	-.01199	.00858	-.00105	-.00038	.96208	.06894
.260	-2.016	-.00826	.00146	.00399	.01382	-.00566	.00399	-.00148	-.00001	.94964	.08101
.260	.001	-.00945	.00192	.00509	.00232	-.00063	.00038	-.00189	.00003	.84890	.17047
.260	2.029	-.00755	.00139	.00372	-.00840	.00420	-.00324	-.00174	-.00035	1.01575	.01020
.260	4.043	-.00622	.00021	.00198	-.02375	.01095	-.00806	-.00112	-.00090	.98700	.04423
.260	6.061	-.00513	-.00180	.00016	-.04007	.01817	-.01308	-.00037	-.00218	.98130	.05359
.260	8.074	-.00113	-.00306	-.00217	-.05496	.02431	-.01703	.00040	-.00265	.97325	.06562
.260	10.086	-.00159	-.00362	-.00210	-.07187	.03116	-.02108	.00059	-.00302	.96693	.07765
	GRADIENT	.00017	-.00005	-.00008	-.00625	.00277	-.00201	-.00002	-.00007	.00579	-.00600

OA37 B26 C9 F9 M7 W16 E37 V0 R10 (AF2064) (01 JUL 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 INCHES
LREF = 474.8000 INCHES YMRP = .0000 INCHES
BREF = 936.8000 INCHES ZMRP = 375.0000 INCHES
SCALE = .0300

PARAMETRIC DATA

BETA = .000 BDFLAP = -11.700
ELEVON = .000 AILRON = .000
RUDDER = .000 SPDBRK = 25.000

RUN NO. 84/ 0 RN/L = 1.85 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CNV	CAFV	CLMV	CYV	CYNV	CBLV	CABV	CAUV	XCPV	ZCPV
.260	-4.125	-.02082	.00554	.01468	.00452	-.00086	.00022	-.00087	.00466	.79108	.25501
.260	-2.108	-.01877	.00524	.01356	.00506	-.00109	.00034	-.00082	.00442	.80860	.24115
.260	-1.060	-.01836	.00518	.01332	.00530	-.00120	.00044	-.00079	.00439	.81758	.23010
.260	-.024	-.01804	.00505	.01308	.00555	-.00130	.00046	-.00077	.00427	.82266	.22954
.260	.961	-.01771	.00504	.01292	.00561	-.00132	.00047	-.00071	.00432	.82389	.22923
.260	2.029	-.01761	.00501	.01281	.00603	-.00153	.00065	-.00065	.00436	.83665	.21198
.260	4.088	-.01745	.00481	.01260	.00570	-.00145	.00062	-.00060	.00420	.83732	.21068
.260	6.114	-.01724	.00456	.01231	.00583	-.00156	.00074	-.00083	.00373	.84673	.19836
.260	8.171	-.01579	.00472	.01163	.00599	-.00164	.00077	-.00112	.00360	.85125	.19690
.260	10.257	-.01475	.00489	.01109	.00633	-.00178	.00087	-.00137	.00352	.85667	.19030
.260	12.310	-.01633	.00455	.01185	.00772	-.00211	.00096	-.00153	.00302	.85059	.19986
.260	14.390	-.01510	.00479	.01117	.00581	-.00158	.00076	-.00166	.00313	.85073	.19484
.260	16.439	-.01553	.00481	.01135	.00561	-.00152	.00075	-.00174	.00306	.84906	.19349
.260	18.522	-.01667	.00475	.01184	.00497	-.00126	.00059	-.00197	.00277	.83629	.20403
.260	20.588	-.01752	.00478	.01236	.00514	-.00134	.00068	-.00191	.00286	.84254	.19454
.260	22.649	-.01763	.00519	.01279	.00425	-.00099	.00042	-.00186	.00333	.82174	.21770
.260	24.700	-.01690	.00579	.01310	.00473	-.00111	.00047	-.00199	.00379	.82356	.21739
.260	26.749	-.01916	.00591	.01460	.00486	-.00118	.00053	-.00212	.00379	.82844	.21098
.260	28.769	-.01993	.00645	.01575	.00466	-.00121	.00063	-.00221	.00423	.84136	.19156
.260	30.721	-.02086	.00717	.01740	.00606	-.00190	.00109	-.00206	.00510	.88042	.15992
	GRADIENT	.00038	-.00008	-.00024	.00016	-.00008	.00005	.00003	-.00005	.00573	-.00548

OA37 B26 C9 F9 M7 W116 E37 V8 R10 (AF2085) (01 JUL 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 INCHES
LREF = 474.8000 INCHES YMRP = .0000 INCHES
BREF = 936.8000 INCHES ZMRP = 375.0000 INCHES
SCALE = .0300

PARAMETRIC DATA

ALPHA = .000 BDFLAP = -11.700
ELEVON = .000 AILRON = .000
RUDDER = .000 SPDBRK = 25.000

RUN NO. 85/ 0 RN/L = 1.85 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CNV	CAFV	CLMV	CYV	CYNV	CBLV	CABV	CAUV	XCPV	ZCPV
.260	-10.110	-.01094	.00308	.00714	.08592	-.03542	.02304	-.00123	.00184	.95142	.09596
.260	-8.107	-.01135	.00309	.00780	.06862	-.02824	.01847	-.00064	.00245	.95086	.09522
.260	-6.079	-.01104	.00302	.00810	.05134	-.02095	.01381	-.00003	.00298	.94845	.09536
.260	-4.036	-.01068	.00380	.00866	.03347	-.01338	.00884	-.00002	.00377	.94239	.09875
.260	-2.033	-.01245	.00503	.01027	.01771	-.00676	.00440	-.00050	.00453	.92922	.10992
.260	-.031	-.01493	.00546	.01176	.00430	-.00104	.00037	-.00077	.00469	.82811	.22791
.260	2.002	-.01048	.00480	.00930	-.00875	.00452	-.00357	-.00062	.00417	1.02681	-.00581
.260	4.029	-.00951	.00440	.00835	-.02278	.01040	-.00769	-.00014	.00425	.98385	.04557
.260	6.048	-.01023	.00404	.00808	-.04130	.01822	-.01289	.00005	.00410	.97239	.06397
.260	8.056	-.00949	.00339	.00718	-.05833	.02540	-.01754	.00014	.00353	.96829	.07232
.260	10.084	-.00843	.00281	.00626	-.07603	.03278	-.02222	.00022	.00304	.96513	.07841
	GRADIENT	.00022	.00005	-.00008	-.00689	.00292	-.00203	-.00002	.00003	.00901	-.01108

OA37 B26 C9 F9 M7 W116 E37 V8 R10 (AF2086) (01 JUL 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 INCHES
LREF = 474.8000 INCHES YMRP = .0000 INCHES
BREF = 936.8000 INCHES ZMRP = 375.0000 INCHES
SCALE = .0300

PARAMETRIC DATA

ALPHA = 10.000 BDFLAP = -11.700
ELEVON = .000 AILRON = .000
RUDDER = .000 SPDBRK = 25.000

RUN NO. 86/ 0 RN/L = 1.85 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CNV	CAFV	CLMV	CYV	CYNV	CBLV	CABV	CAUV	XCPV	ZCPV
.260	-10.119	-.00900	.00165	.00473	.08293	-.03498	.02314	-.00107	.00058	.95837	.08606
.260	-8.086	-.00841	.00208	.00498	.06426	-.02712	.01807	-.00053	.00154	.95848	.08642
.260	-6.068	-.00787	.00306	.00587	.04541	-.01907	.01294	.00009	.00315	.95710	.08369
.260	-4.050	-.00870	.00445	.00740	.02937	-.01212	.00838	-.00013	.00431	.95187	.08332
.260	-2.017	-.01145	.00483	.00912	.01556	-.00623	.00422	-.00086	.00396	.94273	.09367
.260	-.024	-.01100	.00536	.00942	.00319	-.00093	.00050	-.00138	.00398	.86529	.17561
.260	2.004	-.01160	.00462	.00930	-.00887	.00423	-.00317	-.00090	.00371	.99840	.03057
.260	4.021	-.00916	.00368	.00751	-.02259	.01009	-.00737	-.00016	.00351	.97654	.05376
.260	6.069	-.00704	.00292	.00577	-.03950	.01735	-.01214	.00033	.00325	.97117	.06748
.260	8.062	-.00664	.00224	.00467	-.05711	.02480	-.01689	.00047	.00271	.96748	.07594
.260	10.100	-.00669	.00175	.00454	-.07543	.03269	-.02213	.00039	.00215	.96673	.07766
	GRADIENT	-.00005	-.00009	.00002	-.00637	.00272	-.00193	-.00000	-.00009	.00523	-.00609

OA37 B26 C9 F9 M7 W16 E37 V8 R10 (AF2087) (01 JUL 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 INCHES
LREF = 474.8000 INCHES YMRP = .0000 INCHES
BREF = 936.8000 INCHES ZMRP = 375.0000 INCHES
SCALE = .0300

PARAMETRIC DATA

ALPHA = 15.000 BDFLAP = -11.700
ELEVON = .000 AILRON = .000
RUDDER = .000 SPDBRK = 25.000

RUN NO. 87/ 0 RN/L = 1.85 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CNV	CAFV	CLMV	CYV	CYNV	CBLV	CABV	CAUV	XCPV	ZCPV
.260	-10.106	-.00635	.00126	.00256	.07944	-.03441	.02307	-.00071	.00054	.96656	.07981
.260	-8.079	-.00667	.00199	.00375	.06342	-.02734	.01844	-.00020	.00178	.96508	.07954
.260	-6.081	-.00731	.00304	.00544	.04456	-.01920	.01325	.00017	.00321	.96493	.07477
.260	-4.074	-.00961	.00424	.00753	.02797	-.01188	.00832	-.00023	.00400	.96056	.07460
.260	-2.031	-.01104	.00493	.00876	.01429	-.00593	.00413	-.00125	.00368	.95369	.08058
.260	-.028	-.01071	.00544	.00916	.00148	-.00042	.00033	-.00172	.00372	.85935	.12590
.260	2.010	-.01080	.00467	.00883	-.00951	.00445	-.00324	-.00129	.00338	.99206	.04349
.260	4.033	-.00940	.00389	.00744	-.02398	.01073	-.00771	-.00072	.00316	.97702	.05724
.260	6.046	-.00698	.00223	.00525	-.04152	.01822	-.01269	.00008	.00231	.97069	.06867
.260	8.064	-.00518	.00046	.00317	-.06074	.02660	-.01807	.00047	.00094	.97010	.07467
.260	10.081	-.00465	-.00044	.00204	-.07839	.03427	-.02294	.00063	.00019	.96955	.07812
	GRADIENT	.00003	-.00005	-.00001	-.00630	.00275	-.00195	-.00005	-.00010	.00354	-.00356

OA37 B26 C9 F9 M7 W16 E37 V8 R10 (AF2088) (01 JUL 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 INCHES
LREF = 474.8000 INCHES YMRP = .0000 INCHES
BREF = 936.8000 INCHES ZMRP = 375.0000 INCHES
SCALE = .0300

PARAMETRIC DATA

ALPHA = 20.000 BDFLAP = -11.700
ELEVON = .000 AILRON = .000
RUDDER = .000 SPDBRK = 25.000

RUN NO. 86/ 0 RN/L = 1.85 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CNV	CAFV	CLMV	CYV	CYNV	CBLV	CABV	CAUV	XCPV	ZCPV
.260	-10.106	-.00586	.00087	.00178	.08923	-.03898	.02564	-.00087	.00000	.96928	.08198
.260	-8.079	-.00556	.00159	.00302	.06652	-.02931	.02004	.00037	.00197	.97198	.07193
.260	-6.081	-.00983	.00341	.00652	.04579	-.02014	.01416	-.00063	.00278	.97145	.06609
.260	-4.074	-.01028	.00469	.00781	.02915	-.01262	.00887	-.00112	.00356	.96640	.06958
.260	-2.031	-.01177	.00540	.00943	.01367	-.00575	.00405	-.00154	.00385	.95762	.07558
.260	-.028	-.01279	.00565	.01030	.00143	-.00033	.00027	-.00195	.00369	.82289	.14898
.260	2.010	-.01083	.00530	.00909	-.00999	.00488	-.00357	-.00185	.00345	1.00712	.03058
.260	4.033	-.00934	.00455	.00763	-.02537	.01170	-.00842	-.00132	.00322	.98715	.04956
.260	6.046	-.00870	.00240	.00575	-.04281	.01953	-.01393	-.00054	.00186	.98338	.05432
.260	8.064	-.00394	.00064	.00229	-.06272	.02812	-.01947	.00039	.00103	.97767	.06523
.260	10.081	-.00374	-.00100	.00082	-.08590	.03780	-.02513	.00064	-.00035	.97162	.07821
	GRADIENT	.00014	-.00002	-.00003	-.00655	.00293	-.00208	-.00004	-.00005	.00455	-.00422

REPRODUCIBILITY OF THE ORIGINAL PAGE IS POOR

OA37 B26 C9 F9 M7 W16 E37 V8 R11 (AF2089) (01 JUL 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 INCHES
LREF = 474.8000 INCHES YMRP = .0000 INCHES
BREF = 936.8000 INCHES ZMRP = 375.0000 INCHES
SCALE = .0300

PARAMETRIC DATA

BETA = .000 BDFLAP = -11.700
ELEVON = .000 AILRON = .000
RUDDER = .000 SPOBRK = 25.000

RUN NO. 89/ 0 RN/L = 1.85 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CNV	CAFV	CLMV	CYV	CYNV	CBLV	CABV	CAUV	XCPV	ZCPV
.260	-4.180	-.02355	.00743	.01750	.01146	-.00319	.00102	-.00085	.00658	.85465	.22585
.260	-2.112	-.02167	.00723	.01646	.01218	-.00349	.00120	-.00080	.00643	.86025	.21911
.260	-1.099	-.02081	.00713	.01597	.01207	-.00346	.00116	-.00079	.00633	.86029	.22047
.260	-.029	-.02021	.00704	.01568	.01271	-.00371	.00132	-.00075	.00629	.86434	.21476
.260	.961	-.01974	.00706	.01544	.01273	-.00373	.00135	-.00070	.00636	.86495	.21356
.260	2.004	-.01935	.00687	.01512	.01284	-.00379	.00140	-.00063	.00624	.86685	.21128
.260	4.049	-.01868	.00677	.01471	.01332	-.00401	.00156	-.00059	.00617	.87097	.20521
.260	6.126	-.01818	.00651	.01428	.01298	-.00400	.00161	-.00080	.00570	.87610	.20043
.260	8.193	-.01640	.00665	.01347	.01309	-.00407	.00163	-.00110	.00554	.87813	.19995
.260	10.249	-.01494	.00655	.01267	.01294	-.00403	.00163	-.00129	.00526	.87846	.19884
.260	12.309	-.01502	.00660	.01265	.01325	-.00413	.00167	-.00143	.00517	.87881	.19878
.260	14.362	-.01511	.00668	.01261	.01160	-.00360	.00149	-.00155	.00513	.87738	.19691
.260	16.436	-.01589	.00652	.01291	.01279	-.00396	.00162	-.00166	.00486	.87708	.19836
.260	18.508	-.01648	.00649	.01312	.01244	-.00384	.00154	-.00189	.00459	.87608	.20037
.260	20.585	-.01731	.00643	.01349	.01239	-.00383	.00154	-.00188	.00455	.87638	.20040
.260	22.648	-.01734	.00639	.01361	.01232	-.00380	.00150	-.00180	.00458	.87620	.20223
.260	24.701	-.01713	.00673	.01390	.01220	-.00368	.00139	-.00193	.00479	.87138	.20782
.260	26.743	-.01840	.00667	.01471	.01208	-.00365	.00135	-.00209	.00457	.87149	.20921
.260	28.765	-.01992	.00686	.01596	.01240	-.00392	.00156	-.00218	.00468	.88167	.19876
.260	30.721	-.02065	.00756	.01736	.01402	-.00468	.00210	-.00292	.00554	.89471	.18164
	GRADIENT	.00058	-.00008	-.00033	.00022	-.00010	.00006	.00003	-.00005	.00193	-.00243

OA37 B26 C9 F9 M7 W116 E37 V8 R11 (AF2090) (01 JUL 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 INCHES
LREF = 474.8000 INCHES YMRP = .0000 INCHES
BREF = 936.8000 INCHES ZMRP = 375.0000 INCHES
SCALE = .0300

PARAMETRIC DATA

ALPHA = .000 BDFLAP = -11.700
ELEVON = .000 AILRON = .000
RUDDER = .000 SPDBRK = 25.000

RUN NO. 90/ 0 RN/L = 1.85 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CNV	CAFV	CLMV	CYV	CYNV	CBLV	CABV	CAUV	XCPV	ZCPV
.260	-10.105	-.01122	.00480	.00884	.09482	-.03857	.02422	-.00124	.00356	.94745	.10517
.260	-8.088	-.01213	.00497	.00984	.07728	-.03129	.01962	-.00065	.00432	.94611	.10625
.260	-6.059	-.01199	.00527	.01036	.05920	-.02373	.01490	-.00004	.00522	.94320	.10793
.260	-4.016	-.01189	.00567	.01082	.04181	-.01628	.00994	-.00001	.00565	.93484	.11795
.260	-2.018	-.01324	.00691	.01214	.02544	-.00932	.00526	-.00049	.00642	.91825	.14035
.260	-.011	-.01632	.00723	.01390	.01208	-.00362	.00124	-.00075	.00647	.87013	.21612
.260	2.037	-.01159	.00651	.01126	-.00131	.00208	-.00278	-.00057	.00593	1.80480	-1.24539
.260	4.040	-.01175	.00621	.01104	-.01528	.00809	-.00705	-.00010	.00611	1.03645	-.04443
.260	6.063	-.01146	.00583	.01037	-.04238	.01862	-.01308	.00009	.00592	.97114	.06652
.260	8.086	-.01076	.00507	.00941	-.05080	.02299	-.01675	.00016	.00523	.98074	.05128
.260	10.109	-.00994	.00434	.00846	-.06882	.03046	-.02145	.00024	.00459	.97342	.06431
	GRADIENT	.00010	.00003	-.00002	-.00699	.00298	-.00208	-.00001	.00002	.05436	-.08533

OA37 B26 C9 F9 M7 W116 E37 V8 R11 (AF2091) (01 JUL 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 INCHES
LREF = 474.8000 INCHES YMRP = .0000 INCHES
BREF = 936.8000 INCHES ZMRP = 375.0000 INCHES
SCALE = .0300

PARAMETRIC DATA

ALPHA = 10.000 BDFLAP = -11.700
ELEVON = .000 AILRON = .000
RUDDER = .000 SPDBRK = 25.000

RUN NO. 91/ 0 RN/L = 1.85 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CNV	CAFV	CLMV	CYV	CYNV	CBLV	CABV	CAUV	XCPV	ZCPV
.260	-10.098	-.00948	.00178	.00516	.09104	-.03769	.02405	-.00105	.00072	.95272	.09885
.260	-8.041	-.00895	.00238	.00552	.07264	-.02990	.01904	-.00051	.00187	.95104	.10027
.260	-6.042	-.00837	.00364	.00643	.05332	-.02169	.01378	.00012	.00376	.94742	.10301
.260	-4.005	-.00935	.00558	.00861	.03703	-.01476	.00926	-.00008	.00549	.94154	.10906
.260	-2.007	-.01228	.00636	.01093	.02426	-.00921	.00533	-.00076	.00559	.92862	.13087
.260	-.004	-.01215	.00708	.01143	.01130	-.00366	.00144	-.00128	.00580	.88733	.19773
.260	2.024	-.01320	.00640	.01159	-.00095	.00169	-.00237	-.00076	.00563	1.94909	-1.52024
.260	4.046	-.01101	.00540	.00976	-.01475	.00755	-.00652	-.00008	.00531	1.02374	-.03016
.260	6.070	-.00822	.00395	.00716	-.03194	.01495	-.01140	.00037	.00432	.99191	.03133
.260	8.078	-.00768	.00252	.00548	-.04934	.02232	-.01610	.00048	.00301	.98054	.05371
.260	10.125	-.00815	.00205	.00563	-.06672	.02981	-.02108	.00042	.00247	.97648	.06119
	GRADIENT	-.00021	-.00002	.00015	-.00640	.00276	-.00195	.00000	-.00002	.05891	-.09589

REPRODUCIBILITY OF THE ORIGINAL PAGE IS POOR

OA37 B26 C9 F9 M7 W116 E37 V8 R11 (AF2092) (01 JUL 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 INCHES
LREF = 474.8000 INCHES YMRP = .0000 INCHES
BREF = 936.8000 INCHES ZMRP = 375.0000 INCHES
SCALE = .0300

PARAMETRIC DATA

ALPHA = 15.000 BDFLAP = -11.700
ELEVON = .000 AILRON = .000
RUDDER = .000 SPDBRK = 25.000

RUN NO. 92/ 0 RN/L = 1.85 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CNV	CAFV	CLMV	CYV	CYNV	CBLV	CABV	CAUV	XCPV	ZCPV
.260	-10.092	-.00677	.00099	.00274	.08846	-.03746	.02413	-.00071	.00028	.95956	.09258
.260	-8.079	-.00718	.00220	.00428	.07152	-.03005	.01933	-.00023	.00197	.95724	.09435
.260	-6.046	-.00860	.00424	.00704	.05344	-.02219	.01426	.00020	.00444	.95360	.09679
.260	-4.039	-.01092	.00578	.00931	.03670	-.01481	.00932	-.00020	.00558	.94509	.10623
.260	-2.021	-.01319	.00684	.01145	.02367	-.00915	.00538	-.00114	.00570	.93297	.12546
.260	.017	-.01237	.00713	.01135	.01028	-.00334	.00136	-.00162	.00550	.88836	.19418
.260	2.025	-.01244	.00646	.01114	-.00154	.00188	-.00240	-.00119	.00527	1.53612	-.83652
.260	4.048	-.01111	.00537	.00967	-.01525	.00789	-.00671	-.00059	.00478	1.02770	-.02909
.260	6.061	-.00883	.00369	.00738	-.03315	.01549	-.01178	.00014	.00384	.99140	.03251
.260	8.124	-.00670	.00073	.00425	-.05192	.02367	-.01706	.00049	.00122	.98315	.05211
.260	10.116	-.00595	-.00051	.00276	-.07026	.03165	-.02207	.00067	.00016	.97915	.06260
	GRADIENT	.00002	-.00006	.00002	-.00639	.00279	-.00197	-.00004	-.00010	.03794	-.06087

OA37 B26 C9 F9 M7 W116 E37 V8 R11 (AF2093) (01 JUL 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 INCHES
LREF = 474.8000 INCHES YMRP = .0000 INCHES
BREF = 936.8000 INCHES ZMRP = 375.0000 INCHES
SCALE = .0300

PARAMETRIC DATA

ALPHA = 20.000 BDFLAP = -11.700
ELEVON = .000 AILRON = .000
RUDDER = .000 SPDBRK = 25.000

RUN NO. 93/ 0 RN/L = 1.85 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CNV	CAFV	CLMV	CYV	CYNV	CBLV	CABV	CAUV	XCPV	ZCPV
.260	-10.127	-.00608	.00112	.00211	.09750	-.04180	.02662	-.00089	.00023	.96337	.09244
.260	-8.095	-.00601	.00259	.00405	.07411	-.03182	.02083	.00038	.00297	.96381	.08655
.260	-6.077	-.00997	.00504	.00786	.05437	-.02316	.01526	-.00055	.00448	.96143	.08682
.260	-4.024	-.01097	.00624	.00938	.03781	-.01559	.00996	-.00106	.00517	.95150	.09925
.260	-2.071	-.01230	.00673	.01069	.02300	-.00898	.00524	-.00147	.00526	.93548	.12514
.260	.032	-.01328	.00720	.01171	.00916	-.00293	.00115	-.00189	.00530	.88417	.19890
.260	2.005	-.01191	.00665	.01058	-.00204	.00220	-.00266	-.00175	.00490	1.43235	-.65469
.260	4.019	-.01049	.00560	.00904	-.01720	.00898	-.00749	-.00119	.00440	1.03110	-.02548
.260	6.058	-.00940	.00391	.00742	-.03521	.01696	-.01299	-.00046	.00345	1.00195	.02274
.260	8.077	-.00519	.00190	.00398	-.05479	.02546	-.01848	.00040	.00231	.98947	.04572
.260	10.089	-.00478	-.00064	.00159	-.07801	.03517	-.02419	.00066	.00001	.97940	.06551
	GRADIENT	.00007	-.00007	-.00004	-.00670	.00299	-.00212	-.00003	-.00009	.03244	-.05090

OA37 B26 C9 F9 H7 W16 E37 V8 R12 (AF2094) (01 JUL 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 INCHES
LREF = 474.8000 INCHES YMRP = .0000 INCHES
BREF = 956.8000 INCHES ZMRP = 375.0000 INCHES
SCALE = .0300

PARAMETRIC DATA

BETA = .000 BDFLAP = -11.700
ELEVON = .000 AILRON = .000
RUDDER = .000 SPDBRK = 85.000

RUN NO. 94/ 0 RN/L = 1.85 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CNV	CAFV	CLMV	CYV	CYNV	CBLV	CABV	CAUV	XCPV	ZCPV
.260	-4.184	-.04723	.03831	.06246	.00283	-.00059	.00081	-.00070	.03760	.80493	.08292
.260	-2.123	-.04859	.03884	.06461	.00606	-.00167	.00109	-.00062	.03822	.85250	.15936
.260	-1.092	-.05030	.03966	.06654	.00753	-.00203	.00112	-.00059	.03907	.84805	.18276
.260	-.030	-.04969	.03995	.06669	.00734	-.00207	.00114	-.00055	.03939	.85704	.17769
.260	.941	-.05319	.04326	.07139	.00734	-.00190	.00091	-.00051	.04275	.84012	.19996
.260	2.005	-.05454	.04463	.07333	.00730	-.00184	.00083	-.00048	.04414	.83575	.20786
.260	4.071	-.05376	.04462	.07289	.00660	-.00166	.00080	-.00039	.04422	.83541	.20196
.260	6.121	-.05310	.04474	.07289	.00650	-.00182	.00109	-.00059	.04414	.85557	.16860
.260	8.114	-.05168	.04452	.07181	.00519	-.00154	.00102	-.00103	.04348	.86800	.14681
.260	10.222	-.05845	.04359	.07502	.01250	-.00349	.00159	-.00146	.04213	.85530	.19810
.260	12.266	-.04854	.04442	.06947	.00132	-.00046	.00081	-.00169	.04272	.90876	-.15905
.260	14.370	-.04702	.04418	.06819	-.00058	.00007	.00078	-.00173	.04245	.74123	1.27174
.260	16.398	-.04584	.04428	.06744	-.00282	.00067	.00065	-.00178	.04250	.82503	.45884
.260	18.455	-.04466	.04431	.06682	-.00467	.00128	.00047	-.00181	.04250	.85127	.36473
.260	20.561	-.04349	.04454	.06653	-.01328	.00407	-.00035	-.00164	.04289	.87499	.27106
.260	22.634	-.04379	.04508	.06752	-.00680	.00189	.00038	-.00172	.04335	.85386	.33186
.260	24.671	-.03865	.03826	.05920	-.00427	.00098	.00078	-.00191	.03635	.81906	.42486
.260	26.736	-.03762	.03693	.05728	-.00541	.00126	.00072	-.00191	.03502	.82134	.38783
.260	28.759	-.03798	.03582	.05662	-.00460	.00111	.00066	-.00193	.03389	.82848	.39477
.260	30.710	-.04074	.03664	.05921	-.00269	.00067	.00058	-.00195	.03469	.83423	.44803
	GRADIENT	-.00094	.00093	.00148	-.00040	-.00020	-.00032	.00004	-.00097	.00187	.01362

REPRODUCIBILITY OF THE ORIGINAL PAGE IS POOR

OA37 B26 C9 F9 M7 W116 E37 V8 R12 (AF2095) (01 JUL 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 INCHES
LREF = 474.6000 INCHES YMRP = .0000 INCHES
BREF = 936.8000 INCHES ZMRP = 375.0000 INCHES
SCALE = .0300

PARAMETRIC DATA

ALPHA = .000 BDFLAP = -11.700
ELEVON = .000 AILRON = .000
RUDDER = .000 SPDBRK = 85.000

RUN NO. 95/ 0 RN/L = 1.85 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CNV	CAFV	CLMV	CYV	CYNV	CBLV	CABV	CAUV	XCPV	ZCPV
.260	-10.161	-.04150	.03429	.05583	.08600	-.03569	.02309	-.00097	.03332	.95347	.09570
.260	-8.133	-.04379	.03642	.05994	.06905	-.02848	.01848	-.00012	.03630	.95159	.09634
.260	-6.100	-.04529	.03815	.06314	.05073	-.02057	.01344	.00029	.03844	.94652	.09821
.260	-4.066	-.04638	.04007	.06535	.03272	-.01289	.00855	.00022	.04029	.93825	.10094
.260	-2.098	-.04382	.03883	.06309	.01840	-.00697	.00458	-.00019	.03863	.92747	.10972
.260	-.041	-.04647	.04002	.06570	.00669	-.00208	.00121	-.00056	.03946	.87860	.15922
.260	1.997	-.04374	.03934	.06409	-.00597	.00321	-.00248	-.00049	.03884	1.04331	-.01163
.260	4.019	-.04770	.04374	.06977	-.01992	.00906	-.00657	-.00005	.04369	.98256	.05109
.260	6.058	-.04636	.04143	.06669	-.03821	.01698	-.01173	.00026	.04169	.97480	.06772
.260	8.072	-.04367	.03851	.06208	-.05717	.02501	-.01685	.00038	.03890	.96972	.07667
.260	10.094	-.04067	.03537	.05720	-.07472	.03240	-.02151	.00046	.03583	.96692	.08162
	GRADIENT	-.00013	.00039	.00049	-.00640	.00267	-.00184	-.00004	.00035	.01013	-.01095

OA37 B26 C9 F9 M7 W116 E37 V8 R12 (AF2096) (01 JUL 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 INCHES
LREF = 474.6000 INCHES YMRP = .0000 INCHES
BREF = 936.8000 INCHES ZMRP = 375.0000 INCHES
SCALE = .0300

PARAMETRIC DATA

ALPHA = 10.000 BDFLAP = -11.700
ELEVON = .000 AILRON = .000
RUDDER = .000 SPDBRK = 85.000

RUN NO. 96/ 0 RN/L = 1.85 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CNV	CAFV	CLMV	CYV	CYNV	CBLV	CABV	CAUV	XCPV	ZCPV
.260	-10.153	-.02928	.02684	.04121	.07637	-.03234	.02157	-.00098	.02585	.95958	.08557
.260	-8.131	-.03172	.02979	.04614	.05859	-.02492	.01692	-.00031	.02948	.96091	.08088
.260	-6.098	-.03448	.03426	.05257	.03931	-.01679	.01189	.00036	.03462	.96229	.07105
.260	-4.064	-.03648	.03747	.05686	.02323	-.00982	.00737	-.00052	.03694	.95930	.06020
.260	-2.082	-.04344	.04202	.06485	.01049	-.00436	.00349	-.00112	.04090	.95443	.04868
.260	-.014	-.04797	.04530	.07042	.00066	-.00031	.00062	-.00144	.04386	.99847	-.38571
.260	1.998	-.04509	.04479	.06841	-.00907	.00361	-.00215	-.00113	.04365	.94100	.11862
.260	4.021	-.04125	.04294	.06493	-.02161	.00896	-.00596	-.00043	.04250	.95330	.09047
.260	6.049	-.03733	.03859	.05865	-.03819	.01604	-.01059	.00045	.03905	.95708	.08918
.260	8.053	-.03183	.03157	.04857	-.05787	.02432	-.01586	.00071	.03228	.95727	.09168
.260	10.101	-.02613	.02671	.04179	-.07621	.03206	-.02077	.00061	.02733	.95753	.09277
	GRADIENT	-.00055	.00068	.00097	-.00539	.00225	-.00159	.00001	.00069	-.00124	.00628

OA37 B26 C9 F9 M7 W116 E37 V8 R12 (AF2097) (01 JUL 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 INCHES
LREF = 474.8000 INCHES YMRP = .0000 INCHES
BREF = 936.8000 INCHES ZMRP = 375.0000 INCHES
SCALE = .0300

PARAMETRIC DATA

ALPHA = 15.000 BDFLAP = -11.700
ELEVON = .000 AILRON = .000
RUDDER = .000 SPDBRK = 85.000

RUN NO. 97/ 0 RN/L = 1.85 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CNV	CAFV	CLMV	CYV	CYNV	CBLV	CABV	CAUV	XCPV	ZCPV
.260	-10.112	-.02145	.02529	.03522	.06908	-.03063	.02131	-.00066	.02463	.97409	.06663
.260	-8.124	-.02547	.03116	.04342	.05072	-.02279	.01641	-.00006	.03110	.97837	.05566
.260	-6.106	-.03089	.03741	.05292	.03133	-.01443	.01127	.00001	.03742	.98650	.02954
.260	-4.064	-.03430	.03877	.05612	.01617	-.00785	.00685	-.00093	.03783	1.00474	-.01710
.260	-2.056	-.04145	.04279	.06396	.00395	-.00258	.00306	-.00135	.04143	1.12780	-.27298
.260	-.033	-.04353	.04479	.06679	-.00586	.00139	.00033	-.00165	.04313	.82456	.33198
.260	2.004	-.04206	.04541	.06671	-.01534	.00547	-.00258	-.00148	.04393	.91105	.16814
.260	4.017	-.03642	.04259	.06142	-.02664	.01028	-.00609	-.00097	.04162	.93229	.12470
.260	6.045	-.03407	.04070	.05835	-.04110	.01672	-.01050	-.00025	.04045	.94751	.10515
.260	8.063	-.02883	.03422	.04951	-.06154	.02546	-.01608	.00060	.03482	.95247	.10091
.260	10.097	-.02177	.02509	.03724	-.08406	.03497	-.02178	.00091	.02600	.95416	.10248
	GRADIENT	-.00024	.00051	.00066	-.00519	.00219	-.00156	-.00001	.00050	-.01789	.03586

OA37 B26 C9 F9 M7 W116 E37 V8 R12 (AF2098) (01 JUL 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 INCHES
LREF = 474.8000 INCHES YMRP = .0000 INCHES
BREF = 936.8000 INCHES ZMRP = 375.0000 INCHES
SCALE = .0300

PARAMETRIC DATA

ALPHA = 20.000 BDFLAP = -11.700
ELEVON = .000 AILRON = .000
RUDDER = .000 SPDBRK = 85.000

RUN NO. 98/ 0 RN/L = 1.85 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CNV	CAFV	CLMV	CYV	CYNV	CBLV	CABV	CAUV	XCPV	ZCPV
.260	-10.132	-.01689	.02733	.03387	.07273	-.03314	.02312	-.00081	.02651	.98301	.05982
.260	-8.094	-.02257	.03406	.04451	.04655	-.02209	.01680	.00014	.03421	.99677	.02859
.260	-6.061	-.03135	.03944	.05419	.02578	-.01308	.01099	-.00126	.03818	1.02040	-.01890
.260	-4.044	-.03404	.04207	.05885	.01177	-.00689	.00683	-.00096	.04110	1.07750	-.13107
.260	-2.026	-.03684	.04462	.06292	.00009	-.00175	.00316	-.00139	.04323	13.92650	-23.65990
.260	-.003	-.03785	.04559	.06414	-.01020	.00270	.00007	-.00159	.04399	.84470	.29596
.260	2.030	-.03645	.04464	.06225	-.01794	.00617	-.00256	-.00176	.04288	.90194	.18683
.260	4.053	-.03354	.04323	.05917	-.02692	.01001	-.00535	-.00180	.04142	.92207	.14613
.260	6.077	-.02905	.04106	.05429	-.04442	.01792	-.01077	-.00111	.03995	.94500	.11454
.260	8.105	-.02274	.03389	.04472	-.06541	.02710	-.01681	.00030	.03419	.95287	.10400
.260	10.114	-.01359	.02518	.03144	-.09287	.03839	-.02338	.00084	.02602	.95224	.10785
	GRADIENT	.00007	.00012	-.00000	-.00471	.00206	-.00149	-.00010	.00001	-.65948	1.20672

OA37 B26 C9 F9 M7 W116 E37 V8 R13 (AF2099) (01 JUL 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 INCHES
LREF = 474.8000 INCHES YMRP = .0000 INCHES
BREF = 936.8000 INCHES ZMRP = 375.0000 INCHES
SCALE = .0300

PARAMETRIC DATA

BETA = .000 BDFLAP = -11.700
ELEVON = .000 AILRON = .000
RUDDER = .000 SPDBRK = 85.000

RUN NO. 99/ 0 RN/L = 1.85 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CNV	CAFV	CLMV	CYV	CYNV	CBLV	CABV	CAUV	XCPV	ZCPV
.260	-4.188	-.04971	.03754	.06437	-.00191	.00118	-.00020	-.00072	.03682	1.10286	.21440
.260	-2.125	-.04869	.03802	.06439	.00478	-.00104	.00053	-.00062	.03739	.81035	.21022
.260	-1.124	-.04821	.03791	.06395	.00531	-.00124	.00065	-.00061	.03730	.82231	.20151
.260	-.097	-.04713	.03704	.06292	.00479	-.00109	.00055	-.00055	.03649	.81735	.20693
.260	.953	-.04708	.03735	.06310	.00521	-.00123	.00065	-.00054	.03681	.82400	.20005
.260	1.976	-.04669	.03744	.06296	.00502	-.00121	.00066	-.00050	.03694	.82795	.19381
.260	4.020	-.04594	.03740	.06259	.00493	-.00123	.00071	-.00042	.03697	.83385	.18547
.260	6.127	-.04526	.03732	.06215	.00510	-.00133	.00082	-.00064	.03667	.84143	.17587
.260	8.108	-.04495	.03723	.06173	.00485	-.00135	.00087	-.00108	.03614	.85434	.15951
.260	10.207	-.04550	.03733	.06193	.00438	-.00124	.00081	-.00144	.03589	.85826	.15656
.260	12.309	-.04551	.03744	.06193	.00371	-.00103	.00070	-.00159	.03584	.85400	.15268
.260	14.335	-.04554	.03724	.06145	.00396	-.00109	.00075	-.00166	.03557	.85214	.15300
.260	16.435	-.04603	.03721	.06174	.00399	-.00114	.00079	-.00166	.03554	.86005	.14650
.260	18.493	-.04579	.03721	.06147	.00349	-.00097	.00075	-.00166	.03555	.85562	.13418
.260	20.517	-.04530	.03709	.06113	.00325	-.00085	.00067	-.00160	.03548	.84242	.13897
.260	22.584	-.04613	.03670	.06133	.00374	-.00101	.00073	-.00176	.03494	.84935	.14814
.260	24.688	-.04604	.03632	.06101	.00417	-.00116	.00075	-.00192	.03440	.85452	.15872
.260	26.734	-.04490	.03505	.05900	.00374	-.00101	.00070	-.00189	.03316	.84936	.15346
.260	28.769	-.04380	.03462	.05764	.00285	-.00068	.00048	-.00193	.03268	.82683	.16829
.260	30.712	-.04347	.03554	.05821	.00295	-.00074	.00054	-.00193	.03360	.83422	.15616
	GRADIENT	.00047	-.00005	-.00025	.00064	-.00023	.00009	.00004	-.00002	-.02410	-.00348

OA37 B26 C9 F9 M7 W116 E37 V8 R13 (AF2100) (01 JUL 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 INCHES
LREF = 474.8000 INCHES YMRP = .0000 INCHES
BREF = 936.8000 INCHES ZMRP = 375.0000 INCHES
SCALE = .0300

PARAMETRIC DATA

ALPHA = .000 BDFLAP = -11.700
ELEVON = .000 AILRON = .000
RUDDER = .000 SPDBRK = 85.000

RN/L = 1.85 GRADIENT INTERVAL = -5.00/ 5.00

MACH = .260

BETA	CNV	CAFV	CLMV	CYV	CYNV	CBLV	CABV	CAUV	XCPV	ZCPV
-10.117	-.03426	.02984	.04701	.08715	-.03654	.02363	-.00102	.02882	.95651	.09380
-8.118	-.03583	.03120	.05029	.06915	-.02902	.01887	-.00017	.03102	.95677	.09245
-6.070	-.03752	.03318	.05395	.04953	-.02057	.01357	.00028	.03347	.95366	.09163
-4.066	-.04077	.03577	.05828	.03128	-.01257	.00841	.00020	.03598	.94402	.09526
-2.018	-.04083	.03628	.05900	.01589	-.00591	.00393	-.00020	.03607	.92242	.11080
-.016	-.04317	.03694	.06076	.00354	-.00090	.00050	-.00056	.03638	.83780	.18732
2.022	-.04046	.03588	.05886	-.00825	.00395	-.00285	-.00049	.03539	1.00017	.03940
4.035	-.03843	.03571	.05729	-.02315	.01032	-.00730	-.00002	.03569	.97586	.06169
6.078	-.03686	.03330	.05344	-.04228	.01861	-.01271	.00026	.03356	.97174	.07237
8.097	-.03457	.03076	.04927	-.06151	.02686	-.01802	.00039	.03115	.96919	.07796
10.120	-.03275	.02887	.04628	-.08045	.03488	-.02308	.00049	.02936	.96692	.08234
GRADIENT	.00025	-.00003	-.00010	-.00657	.00275	-.00189	-.00004	-.00006	.00700	-.00686

OA37 B26 C9 F9 M7 W116 E37 V8 R13 (AF2101) (01 JUL 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 INCHES
LREF = 474.8000 INCHES YMRP = .0000 INCHES
BREF = 936.8000 INCHES ZMRP = 375.0000 INCHES
SCALE = .0300

PARAMETRIC DATA

ALPHA = 10.000 BDFLAP = -11.700
ELEVON = .000 AILRON = .000
RUDDER = .000 SPDBRK = 85.000

RN/L = 1.85 GRADIENT INTERVAL = -5.00/ 5.00

MACH = .260

BETA	CNV	CAFV	CLMV	CYV	CYNV	CBLV	CABV	CAUV	XCPV	ZCPV
-10.139	-.02846	.02466	.03799	.08022	-.03364	.02199	-.00099	.02366	.95660	.09162
-8.101	-.03014	.02752	.04225	.06309	-.02651	.01749	-.00035	.02716	.95723	.08935
-6.068	-.03270	.03048	.04762	.04298	-.01809	.01233	.00034	.03083	.95779	.08229
-4.065	-.03405	.03296	.05106	.02718	-.01121	.00784	-.00043	.03252	.95166	.08125
-2.027	-.03895	.03535	.05611	.01334	-.00534	.00376	-.00110	.03424	.94295	.08607
.001	-.04296	.03793	.06097	.00212	-.00065	.00054	-.00146	.03646	.87632	.10408
2.014	-.04055	.03797	.05985	-.00808	.00366	-.00253	-.00111	.03685	.98078	.06277
4.037	-.03714	.03606	.05622	-.02097	.00926	-.00655	-.00036	.03570	.97279	.06389
6.060	-.03456	.03306	.05180	-.03824	.01662	-.01128	.00045	.03352	.96771	.07648
8.113	-.03133	.02863	.04519	-.05791	.02495	-.01654	.00069	.02932	.96497	.08328
10.121	-.02861	.02532	.04004	-.07554	.03235	-.02126	.00060	.02593	.96305	.08626
GRADIENT	-.00039	.00044	.00070	-.00582	.00247	-.00173	.00001	.00044	.00393	-.00286

OA37 B26 C9 F9 M7 W116 E37 V8 R13 (AF2102) (01 JUL 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 INCHES
LREF = 474.8000 INCHES YMRP = .0000 INCHES
BREF = 936.8000 INCHES ZMRP = 375.0000 INCHES
SCALE = .0300

PARAMETRIC DATA

ALPHA = 15.000 BDFLAP = -11.700
ELEVON = .000 AILRON = .000
RUDDER = .000 SPDBRK = 85.000

RN/L = 1.85 GRADIENT INTERVAL = -5.00/ 5.00

MACH = .260

BETA	CNV	CAFV	CLMV	CYV	CYNV	CBLV	CABV	CAUV	XCPV	ZCPV
-10.132	-.02443	.02296	.03417	.07119	-.03115	.02127	-.00067	.02229	.96982	.07372
-8.104	-.02731	.02771	.04073	.05265	-.02339	.01659	-.00012	.02758	.97471	.06311
-6.101	-.03289	.03294	.04975	.03371	-.01509	.01132	.00006	.03301	.97717	.04684
-4.058	-.03625	.03414	.05266	.01867	-.00859	.00695	-.00090	.03323	.98636	.02029
-2.021	-.04108	.03592	.05739	.00532	-.00279	.00286	-.00138	.03454	1.03323	-.10001
.007	-.04301	.03791	.06050	-.00536	.00172	-.00017	-.00171	.03619	.88537	.26674
2.020	-.04239	.03865	.06094	-.01561	.00612	-.00330	-.00147	.03718	.93675	.13705
4.053	-.03800	.03698	.05737	-.02810	.01156	-.00724	-.00093	.03605	.95077	.10364
6.095	-.03615	.03570	.05484	-.04215	.01772	-.01145	-.00019	.03551	.95743	.09338
8.104	-.03111	.02982	.04656	-.05622	.02443	-.01635	.00059	.03041	.96757	.07943
10.122	-.02558	.02232	.03629	-.07797	.03367	-.02192	.00088	.02321	.96567	.08648
GRADIENT	-.00024	.00042	.00064	-.00565	.00243	-.00179	-.00001	.00041	-.00828	.01993

OA37 B26 C9 F9 M7 W116 E37 V8 R13 (AF2103) (01 JUL 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 INCHES
LREF = 474.8000 INCHES YMRP = .0000 INCHES
BREF = 936.8000 INCHES ZMRP = 375.0000 INCHES
SCALE = .0300

PARAMETRIC DATA

ALPHA = 20.000 BDFLAP = -11.700
ELEVON = .000 AILRON = .000
RUDDER = .000 SPDBRK = 85.000

RN/L = 1.85 GRADIENT INTERVAL = -5.00/ 5.00

MACH = .260

BETA	CNV	CAFV	CLMV	CYV	CYNV	CBLV	CABV	CAUV	XCPV	ZCPV
-10.113	-.02371	.02428	.03453	.09392	-.03981	.02503	-.00083	.02344	.95983	.09715
-8.119	-.02645	.03008	.04402	.06710	-.02852	.01858	.00019	.03028	.96071	.08959
-6.071	-.03793	.03553	.05444	.04627	-.01946	.01281	-.00121	.03431	.95745	.08954
-4.059	-.04030	.03737	.05775	.03165	-.01304	.00845	-.00094	.03642	.95128	.09671
-2.015	-.04100	.03772	.05908	.01218	-.00516	.00374	-.00140	.03632	.95998	.06749
-.018	-.04267	.03824	.06067	.00197	-.00064	.00059	-.00160	.03664	.89139	.07171
2.019	-.04303	.03802	.06059	-.00709	.00342	-.00240	-.00174	.03627	1.00312	.04492
4.044	-.04159	.03842	.06001	-.01612	.00833	-.00599	-.00176	.03666	.98605	.05069
6.076	-.03877	.03720	.05733	-.03350	.01514	-.01061	-.00107	.03613	.98040	.06067
8.115	-.03039	.02984	.04556	-.05462	.02425	-.01655	.00034	.03018	.97448	.07064
10.114	-.02375	.02343	.03513	-.07641	.03382	-.02260	.00084	.02427	.97345	.07591
GRADIENT	-.00023	.00012	.00030	-.00587	.00254	-.00173	-.00010	.00002	.00559	-.00567

OA37 B26 C9 F9 M7 W16 E39 V8 R11 (AF2104) (01 JUL 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 INCHES
LREF = 474.8000 INCHES YMRP = .0000 INCHES
BREF = 936.8000 INCHES ZMRP = 375.0000 INCHES
SCALE = .0300

PARAMETRIC DATA

BETA = .000 BDFLAP = -11.700
ELEVON = .000 AILRON = .000
RUDDER = .000 SPDBRK = 25.000

RUN NO. 104/ 0 RN/L = 1.85 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CNV	CAFV	CLNV	CYV	CYNV	CBLV	CABV	CAUV	XCPV	ZCPV
.260	-4.171	-.00768	.00685	.01066	.00019	.00000	-.00006	.00039	.00725	.63941	.54515
.260	-2.114	-.00767	.00730	.01087	-.00137	.00068	-.00047	.00043	.00774	1.01262	.03776
.260	-1.089	-.00756	.00725	.01074	-.00220	.00107	-.00077	.00045	.00770	1.00416	.03600
.260	-.032	-.00712	.00727	.01047	-.00230	.00108	-.00075	.00044	.00771	.99434	.05105
.260	.940	-.00687	.00720	.01019	-.00132	.00069	-.00050	.00045	.00765	1.03213	.01693
.260	2.016	-.00690	.00716	.01008	-.00092	.00054	-.00040	.00044	.00760	1.07717	-.02503
.260	4.030	-.00652	.00712	.00971	-.00051	.00036	-.00030	.00046	.00759	1.16291	-.13852
.260	6.122	-.00680	.00745	.00975	.00012	.00009	-.00012	.00044	.00790	.10633	1.02030
.260	8.154	-.00702	.00773	.00979	.00056	-.00009	.00003	.00045	.00818	.76819	.24866
.260	10.239	-.00728	.00781	.00978	.00090	-.00021	.00011	.00046	.00828	.82638	.19501
.260	12.266	-.00776	.00780	.00996	.00095	-.00025	.00019	.00049	.00829	.84843	.14537
.260	14.366	-.00930	.00771	.01071	.00268	-.00070	.00031	.00051	.00823	.84424	.20577
.260	16.446	-.00918	.00787	.01061	.00089	-.00021	.00016	.00054	.00842	.82509	.15848
.260	18.495	-.01676	.00714	.01477	.00892	-.00243	.00063	.00059	.00774	.84990	.23897
.260	20.580	-.01013	.00771	.01117	.00080	-.00018	.00021	.00066	.00837	.82278	.09786
.260	22.641	-.01115	.00778	.01192	.00096	-.00020	.00014	.00070	.00849	.80286	.17778
.260	24.706	-.01130	.00793	.01244	.00040	.00000	.00002	.00079	.00872	.66126	.24438
.260	26.750	-.01238	.00809	.01348	.00154	-.00036	.00019	.00086	.00895	.82596	.20024
.260	28.768	-.01290	.00861	.01466	.00061	-.00022	.00022	.00099	.00960	.92148	.02475
.260	30.700	-.01479	.00954	.01686	.00029	-.00021	.00030	.00109	.01064	1.17780	-.46996
	GRADIENT	.00016	.00002	-.00014	-.00002	.00002	-.00001	.00001	.00002	.05226	-.06685

OA37 B26 C9 F9 M7 W16 E39 V8 R11 (AF2105) (01 JUL 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1078.7000 INCHES
LREF = 474.8000 INCHES YMRP = .0000 INCHES
BREF = 936.8000 INCHES ZMRP = 375.0000 INCHES
SCALE = .0300

PARAMETRIC DATA

BETA = .000 BDFLAP = -11.700
ELEVON = -20.000 AILRON = .000
RUDDER = .000 SPDBRK = 25.000

RUN NO. 105/ 0 RN/L = 1.85 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CNV	CAFV	CLMV	CYV	CYNV	CBLV	CABV	CAUV	XCPV	ZCPV
.260	-4.364	-.00763	.00819	.01057	.00137	-.00046	.00024	.00024	.00844	.89978	.16182
.260	-2.301	-.00689	.00840	.01014	.00151	-.00054	.00030	.00025	.00866	.91310	.14232
.260	-1.260	-.00635	.00830	.00976	.00186	-.00063	.00032	.00024	.00854	.89874	.16347
.260	-.218	-.00620	.00826	.00960	.00177	-.00063	.00035	.00025	.00852	.91365	.14374
.260	.766	-.00613	.00830	.00950	.00182	-.00065	.00035	.00026	.00856	.91361	.14936
.260	1.812	-.00578	.00839	.00928	.00151	-.00055	.00036	.00026	.00866	.91789	.11395
.260	3.869	-.00589	.00861	.00928	.00222	-.00079	.00040	.00027	.00888	.91078	.15669
.260	5.920	-.00628	.00865	.00932	.00214	-.00080	.00048	.00026	.00892	.92512	.12596
.260	7.938	-.00655	.00869	.00934	.00237	-.00089	.00054	.00027	.00896	.92584	.12380
.260	10.038	-.00688	.00863	.00940	.00232	-.00088	.00056	.00029	.00893	.92900	.11349
.260	12.097	-.00716	.00844	.00939	.00231	-.00089	.00061	.00031	.00876	.93320	.09704
.260	14.129	-.00754	.00845	.00956	.00255	-.00100	.00071	.00032	.00878	.93707	.08834
.260	16.220	-.00829	.00842	.00997	.00244	-.00096	.00064	.00038	.00880	.93745	.09842
.260	18.274	-.01340	.00790	.01280	.00884	-.00272	.00115	.00042	.00832	.87607	.19573
.260	20.333	-.00927	.00827	.01063	.00260	-.00095	.00067	.00049	.00876	.91820	.10274
.260	22.401	-.00927	.00821	.01075	.00169	-.00068	.00052	.00054	.00876	.94623	.06709
.260	24.478	-.00976	.00808	.01119	.00210	-.00077	.00055	.00057	.00866	.91750	.09867
.260	26.543	-.01106	.00807	.01224	.00367	-.00121	.00065	.00065	.00873	.89250	.16178
.260	28.586	-.01067	.00855	.01274	.00169	-.00060	.00040	.00073	.00929	.90956	.11721
.260	30.579	-.01192	.00917	.01440	.00210	-.00088	.00059	.00084	.01002	.95749	.08686
	GRADIENT	.00022	.00004	-.00017	.00008	-.00003	.00002	.00000	.00004	.00158	-.00212

OA37 B26 C9 F9 M7 W116 E39 V8 R11 (AF2106) (01 JUL 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 INCHES
LREF = 474.8000 INCHES YMRP = .0000 INCHES
BREF = 936.8000 INCHES ZMRP = 375.0000 INCHES
SCALE = .0300

PARAMETRIC DATA

BETA = .000 BDFLAP = -11.700
ELEVON = -40.000 AILRON = .000
RUDDER = .000 SPDBRK = 25.000

RUN NO. 106/ 0 RN/L = 1.85 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CNV	CAFV	CLMV	CYV	CYNV	CBLV	CABV	CAUV	XCPV	ZCPV
.260	-4.370	-.00959	.00788	.01165	.00123	-.00040	.00017	.00026	.00814	.89275	.18697
.260	-2.302	-.00846	.00786	.01097	.00174	-.00056	.00024	.00027	.00813	.88823	.18688
.260	-1.274	-.00828	.00780	.01077	.00195	-.00066	.00028	.00028	.00808	.89807	.18388
.260	-.217	-.00793	.00776	.01053	.00201	-.00070	.00037	.00027	.00804	.90742	.15687
.260	.770	-.00780	.00773	.01042	.00226	-.00079	.00039	.00029	.00802	.90698	.16442
.260	1.837	-.00886	.00767	.01101	.00388	-.00124	.00051	.00029	.00796	.88561	.19451
.260	3.855	-.00737	.00774	.01000	.00228	-.00075	.00035	.00031	.00806	.89203	.17722
.260	5.947	-.00737	.00789	.00989	.00209	-.00071	.00039	.00033	.00823	.89854	.15212
.260	8.009	-.00737	.00809	.00979	.00243	-.00083	.00044	.00031	.00840	.90266	.15648
.260	10.043	-.00781	.00832	.00996	.00219	-.00077	.00047	.00030	.00863	.90941	.13358
.260	12.120	-.00788	.00821	.00986	.00276	-.00097	.00061	.00034	.00856	.90840	.13014
.260	14.137	-.00812	.00828	.00998	.00229	-.00082	.00054	.00033	.00862	.91300	.11893
.260	16.227	-.00844	.00824	.01013	.00238	-.00085	.00056	.00037	.00861	.91240	.11887
.260	18.273	-.00896	.00800	.01030	.00254	-.00091	.00058	.00040	.00841	.91277	.12451
.260	20.366	-.00899	.00793	.01037	.00257	-.00089	.00059	.00045	.00839	.90540	.12176
.260	22.419	-.00932	.00779	.01068	.00182	-.00059	.00036	.00049	.00828	.88734	.14490
.260	24.479	-.00966	.00786	.01103	.00184	-.00055	.00033	.00052	.00838	.86911	.15712
.260	26.537	-.01001	.00779	.01145	.00206	-.00059	.00036	.00060	.00839	.86298	.16337
.260	28.575	-.01126	.00798	.01272	.00442	-.00176	.00115	.00075	.00874	.94210	.10121
.260	30.595	-.01286	.00880	.01463	.00417	-.00172	.00118	.00083	.00964	.95175	.08477
	GRADIENT	.00020	-.00002	-.00016	.00020	-.00007	.00003	.00001	-.00002	.00002	-.00100

OA37 B26 C9 F9 M7 W16 E37 V8 R5 (BF2001) (01 JUL 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 INCHES
LREF = 474.8000 INCHES YMRP = .0000 INCHES
BREF = 956.8000 INCHES ZMRP = 375.0000 INCHES
SCALE = .0300

PARAMETRIC DATA

BETA = .000 BDFLAP = -11.700
ELEVON = .000 AILRON = .000
RUDDER = .000 SPDBRK = 25.000

RUN NO. 1/ 0 RN/L = 1.85 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CHSBUL	CHSBUR	CHSBLR	CHSBLL	CHR	CHEI	CHEO	CHETOT	CHBF
.260	-4.167	.01857	.01402	.03595	.04202	.01061	.05555	.01133	.06689	-.01000
.260	-2.124	.01554	.01445	.03593	.04199	.00714	.05715	.01048	.06764	-.00923
.260	-1.107	.01820	.01539	.03607	.04100	.00774	.05628	.01017	.06645	-.00823
.260	-.059	.01639	.01531	.03590	.04023	.00540	.05588	.01026	.06614	-.00922
.260	.953	.01858	.01579	.03598	.04032	.00714	.05628	.01021	.06649	-.00770
.260	1.978	.01855	.01707	.03591	.04369	.00926	.05739	.00970	.06709	-.00897
.260	4.060	.01859	.01579	.03542	.04321	.01058	.05615	.00845	.06461	-.00642
.260	6.140	.01985	.01970	.03592	.04371	.00793	.05320	.00633	.05953	-.00615
.260	8.132	.01985	.01620	.03592	.04429	.01201	.04830	.00358	.05189	-.00743
.260	10.242	.02031	.01710	.03653	.04319	.00986	.04046	.00063	.04109	-.00873
.260	12.315	.01985	.01664	.03593	.04429	.01157	.03415	-.00156	.03258	-.01231
.260	14.378	.02027	.01663	.03703	.04541	.01202	.02624	-.00547	.02077	-.01794
.260	16.415	.02030	.01840	.03708	.04777	.01259	.01906	-.01017	.00888	-.02386
.260	18.469	.02029	.01840	.03931	.04718	.00976	.00735	-.01373	-.00638	-.03438
.260	20.580	.02027	.01925	.03814	.04541	.00827	-.00505	-.01684	-.02190	-.04331
.260	22.645	.02199	.01793	.03813	.04539	.01131	-.01598	-.01840	-.03438	-.05302
.260	24.698	.02496	.02140	.04254	.04990	.01092	-.04117	-.02397	-.06515	-.06546
.260	26.775	.02709	.02443	.04473	.05615	.01407	-.05516	-.02642	-.08159	-.07612
.260	28.780	.03351	.02921	.05197	.05955	.01188	-.05826	-.02541	-.08367	-.08374
.260	30.709	.04117	.03524	.06135	.07258	.01715	-.04836	-.01943	-.06779	-.07338
	GRADIENT	.00015	.00029	-.00005	.00017	.00008	.00007	-.00030	-.00024	.00036

OA37 B26 C9 F9 M7 W116 E37 V8 R5 (BF2002) (01 JUL 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 INCHES
LREF = 474.8000 INCHES YMRP = .0000 INCHES
BREF = 936.8000 INCHES ZMRP = 375.0000 INCHES
SCALE = .0300

PARAMETRIC DATA

ALPHA = .000 BDFLAP = -11.700
ELEVON = .000 AILRON = .000
RUDDER = .000 SPDBRK = 25.000

RUN NO. 2/ 0 RN/L = 1.85 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CHSBUL	CHSBUR	CHSBLR	CHSBLL	CHR	CHEI	CHEO	CHETOT	CHBF
.260	-10.099	.04358	.00000	.04040	.06209	.06527	.04706	.01054	.05761	-.01486
.260	-8.077	.03415	.00789	.03148	.05530	.05007	.04810	.01028	.05839	-.01458
.260	-6.054	.02935	.01532	.02919	.04659	.03142	.05007	.01013	.06020	-.01154
.260	-4.006	.02247	.01271	.02304	.03801	.02472	.05272	.01049	.06322	-.01078
.260	-2.023	.01945	.01447	.02248	.03513	.01762	.05491	.01049	.06540	-.00847
.260	-.020	.01598	.01446	.02472	.02936	.00615	.05612	.01049	.06661	-.00770
.260	2.032	.01208	.01839	.02807	.02818	-.00619	.05824	.01048	.06872	-.00769
.260	4.055	.01123	.02192	.02922	.02648	-.01342	.05966	.01042	.07009	-.00821
.260	6.088	.01296	.02674	.04103	.03455	-.02026	.06076	.01049	.07125	-.01001
.260	8.096	.00518	.03419	.04663	.03914	-.03649	.06196	.01056	.07252	-.01180
.260	10.119	-.00304	.04208	.05619	.05009	-.05123	.06333	.01049	.07382	-.01463
	GRADIENT	-.00148	.00111	.00089	-.00149	-.00496	.00085	-.00001	.00085	.00029

OA37 B26 C9 F9 M7 W116 E37 V8 R5 (BF2003) (01 JUL 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 INCHES
LREF = 474.8000 INCHES YMRP = .0000 INCHES
BREF = 936.8000 INCHES ZMRP = 375.0000 INCHES
SCALE = .0300

PARAMETRIC DATA

ALPHA = 10.000 BDFLAP = -11.700
ELEVON = .000 AILRON = .000
RUDDER = .000 SPDBRK = 25.000

RUN NO. 3/ 0 RN/L = 1.85 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CHSBUL	CHSBUR	CHSBLR	CHSBLL	CHR	CHEI	CHEO	CHETOT	CHBF
.260	-10.062	.04149	.00701	.01630	.04607	.06425	.03120	.00288	.03409	-.02439
.260	-8.100	.03239	.00744	.01404	.04085	.05175	.03240	.00260	.03500	-.01821
.260	-6.027	.03066	.01621	.01965	.04200	.03680	.03471	.00260	.03731	-.01385
.260	-4.019	.02502	.01444	.02132	.04082	.03008	.03604	.00196	.03801	-.01051
.260	-2.032	.02161	.01359	.02360	.03858	.02299	.03869	.00147	.04017	-.01052
.260	-.004	.01813	.01664	.02975	.03451	.00624	.04095	.00049	.04145	-.00795
.260	2.029	.01467	.02058	.03088	.03048	-.00629	.04395	.00035	.04430	-.00820
.260	4.067	.01383	.02017	.03264	.02764	-.01073	.04796	.00042	.04838	-.00924
.260	6.110	.01640	.02802	.03648	.02703	-.02108	.05033	.00035	.05069	-.01205
.260	8.108	.00863	.03242	.03370	.02244	-.03504	.05377	.00035	.05412	-.01513
.260	10.120	.00561	.04075	.04100	.03223	-.04391	.05636	.00049	.05686	-.02001
	GRADIENT	-.00145	.00091	.00142	-.00170	-.00548	.00144	-.00021	.00123	.00024

OA37 B26 C9 F9 MT W116 E37 V8 R5 (BF2004) (01 JUL 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 INCHES
LREF = 474.8000 INCHES YMRP = .0000 INCHES
BREF = 936.8000 INCHES ZMRP = 375.0000 INCHES
SCALE = .0300

PARAMETRIC DATA

ALPHA = 15.000 BDFLAP = -11.700
ELEVON = .000 AILRON = .000
RUDDER = .000 SPDBRK = 25.000

RUN NO. 4/ 0 RN/L = 1.85 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CHSBUL	CHSBUR	CHSBLR	CHSBLL	CHR	CHEI	CHEO	CHETOT	CHBF
.260	-10.081	.03932	-.00090	-.00444	.04491	.08959	.01634	-.00533	.01100	-.04466
.260	-8.099	.03537	.00656	.01402	.04425	.05903	.01563	-.00582	.00980	-.03818
.260	-6.076	.03193	.01795	.02693	.05290	.03994	.01618	-.00654	.00964	-.02640
.260	-4.013	.02548	.01402	.02583	.04546	.03108	.01865	-.00711	.01153	-.02360
.260	-2.020	.02201	.01401	.02357	.04199	.02641	.02041	-.00775	.01265	-.02154
.260	.007	.01900	.01621	.02976	.03568	.00870	.02246	-.00796	.01449	-.02155
.260	2.030	.01510	.02101	.03198	.03047	-.00742	.02393	-.00810	.01583	-.02127
.260	4.093	.01770	.02540	.03481	.03221	-.01030	.02681	-.00846	.01834	-.01923
.260	6.101	.01726	.02934	.04491	.03164	-.02535	.02844	-.00853	.01990	-.02154
.260	8.098	.00647	.03154	.03538	.01668	-.04376	.02940	-.00882	.02058	-.03335
.260	10.126	-.00304	.03591	.03761	.00000	-.07657	.03279	-.00931	.02347	-.04385
	GRADIENT	-.00111	.00147	.00130	-.00187	-.00575	.00098	-.00015	.00083	.00044

OA37 B26 C9 F9 MT W116 E37 V8 R5 (BF2005) (01 JUL 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 INCHES
LREF = 474.8000 INCHES YMRP = .0000 INCHES
BREF = 936.8000 INCHES ZMRP = 375.0000 INCHES
SCALE = .0300

PARAMETRIC DATA

ALPHA = 20.000 BDFLAP = -11.700
ELEVON = .000 AILRON = .000
RUDDER = .000 SPDBRK = 25.000

RUN NO. 5/ 0 RN/L = 1.85 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CHSBUL	CHSBUR	CHSBLR	CHSBLL	CHR	CHEI	CHEO	CHETOT	CHBF
.260	-10.139	.04269	-.00271	-.01554	.05172	.11268	-.00833	-.01236	-.02069	-.06534
.260	-8.115	.04135	.01223	.01288	.06142	.07765	-.01009	-.01128	-.02138	-.05860
.260	-6.116	.03875	.01878	.01960	.05738	.05775	-.00966	-.01156	-.02125	-.04579
.260	-4.026	.03102	.01836	.02017	.05167	.04416	-.00900	-.01249	-.02150	-.03788
.260	-2.067	.02501	.01487	.02356	.04368	.03025	-.00847	-.01407	-.02254	-.04100
.260	-.039	.01895	.01791	.02520	.03329	.00911	-.00805	-.01589	-.02394	-.04376
.260	1.995	.01681	.02318	.02691	.03274	-.00053	-.00587	-.01775	-.02363	-.04123
.260	4.013	.01911	.02669	.03589	.02988	-.01459	-.00273	-.01904	-.02177	-.03843
.260	6.082	.01811	.03325	.04431	.03333	-.02612	-.00191	-.02046	-.02237	-.04176
.260	8.109	.01164	.03630	.05158	.02527	-.05097	-.00327	-.02166	-.02494	-.05481
.260	10.102	-.00130	.03984	.04321	-.00634	-.09070	-.00314	-.02339	-.02653	-.06614
	GRADIENT	-.00169	.00125	.00173	-.00270	-.00736	.00075	-.00083	-.00008	-.00006

OA37 B26 C9 F9 M7 W116 E37 V8 R5 (BF2006) (01 JUL 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 INCHES
LREF = 474.8500 INCHES YMRP = .0000 INCHES
BREF = 936.8000 INCHES ZMRP = 375.0000 INCHES
SCALE = .0300

PARAMETRIC DATA

BETA = .000 BDFLAP = -11.700
ELEVON = .000 AILRON = .000
RUDDER = .000 SPDBRK = 25.000

RUN NO. 6/ 0 RN/L = 1.65 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CHSBUL	CHSBUR	CHSBLR	CHSBLL	CHR	CHEI	CHEO	CHETOT	CHBF
.260	-4.178	.01812	.01620	.02469	.02990	.00713	.05605	.01217	.06822	-.00743
.260	-2.102	.01858	.01841	.02529	.03052	.00539	.05612	.01105	.06718	-.00641
.260	-1.064	.01813	.01445	.02471	.02761	.00658	.05580	.01104	.06685	-.00538
.260	-.018	.01816	.01667	.02531	.02939	.00557	.05562	.01064	.06626	-.00539
.260	.964	.01987	.01753	.02415	.02878	.00696	.05541	.01063	.06605	-.00538
.260	2.016	.01600	.01667	.02474	.02823	.00281	.05711	.01022	.06733	-.00539
.260	4.086	.01812	.01663	.02469	.03162	.00841	.05522	.00879	.06401	-.00384
.260	6.144	.01988	.01710	.02473	.03110	.00914	.05327	.00662	.05989	-.00333
.260	8.195	.01986	.01840	.02695	.03452	.00902	.04682	.00429	.05111	-.00384
.260	10.254	.01987	.01929	.02641	.03109	.00526	.04032	.00091	.04123	-.00641
.260	12.310	.01941	.01882	.02469	.03450	.01039	.03359	-.00127	.03231	-.01025
.260	14.372	.02073	.01841	.02753	.03684	.01164	.02601	-.00476	.02124	-.01488
.260	16.443	.01985	.01838	.02750	.03277	.00673	.01741	-.00974	.00767	-.02127
.260	18.506	.02068	.01924	.02802	.03445	.00787	.00652	-.01313	-.00661	-.03200
.260	20.583	.02136	.02144	.02748	.03562	.00826	-.00655	-.01641	-.02297	-.04304
.260	22.642	.02109	.02184	.03023	.03843	.00745	-.01609	-.01766	-.03375	-.05090
.260	24.685	.02410	.02139	.03078	.03728	.00919	-.03981	-.02368	-.06349	-.06290
.260	26.748	.02709	.02531	.03356	.04012	.00834	-.05640	-.02593	-.08234	-.07487
.260	28.764	.03391	.02875	.04020	.04805	.01302	-.05780	-.02539	-.08320	-.07882
.260	30.711	.04025	.03823	.05123	.06048	.01126	-.04611	-.01643	-.06255	-.06639
	GRADIENT	-.00008	.00003	-.00004	.00008	.00001	-.00004	-.00036	-.00040	.00038

REPRODUCIBILITY OF THE ORIGINAL PAGE IS POOR

OA37 B26 C9 F9 M7 W16 E37 V8 R5 (BF2007) (01 JUL 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 INCHES
LREF = 474.8000 INCHES YMRP = .0000 INCHES
BREF = 936.8000 INCHES ZMRP = 375.0000 INCHES
SCALE = .0300

PARAMETRIC DATA

BETA = .000 BDFLAP = .000
ELEVON = .000 AILRON = .000
RUDDER = .000 SPDBRK = 25.000

RUN NO. 7/ 0 RN/L = 1.85 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CHSBUL	CHSBUR	CHSBLR	CHSBLL	CHR	CHEI	CHEO	CHETOT	CHBF
.260	-4.172	.02113	.01794	.03590	.04311	.01039	.05357	.01174	.06532	-.03690
.260	-2.118	.02070	.01750	.03590	.04426	.01155	.05249	.01096	.06346	-.03562
.260	-1.091	.02031	.01885	.03597	.04434	.00982	.05286	.01084	.06371	-.03569
.260	-.018	.02118	.02061	.03598	.04378	.00836	.05342	.01035	.06378	-.03519
.260	.958	.02205	.02149	.03655	.04609	.01009	.05302	.01028	.06331	-.03570
.260	2.031	.01989	.02018	.03711	.04552	.00811	.05425	.01007	.06433	-.03468
.260	4.095	.02114	.02057	.03591	.04657	.01122	.05209	.00865	.06074	-.03537
.260	6.147	.02161	.02280	.03767	.04838	.00952	.04987	.00641	.05628	-.03647
.260	8.188	.02159	.02103	.03538	.04833	.01351	.04382	.00415	.04798	-.03950
.260	10.259	.02333	.02148	.03989	.04951	.01146	.03623	.00084	.03707	-.04158
.260	12.303	.02374	.02059	.03818	.04833	.01330	.03076	-.00149	.02926	-.04617
.260	14.321	.02420	.02236	.03878	.04779	.01085	.02247	-.00526	.01720	-.05212
.260	16.410	.02416	.02145	.04096	.04887	.01061	.01373	-.01038	.00335	-.05896
.260	18.517	.02244	.02320	.04097	.04888	.00714	.00299	-.01379	-.01080	-.07000
.260	20.530	.02196	.02272	.04313	.04936	.00546	-.00886	-.01660	-.02547	-.07959
.260	22.632	.02452	.02270	.04476	.04873	.00579	-.02017	-.01829	-.03846	-.09228
.260	24.691	.02667	.02662	.04420	.05217	.00801	-.04415	-.02417	-.06833	-.10480
.260	26.757	.03050	.02789	.04469	.05438	.01229	-.05947	-.02604	-.08552	-.11664
.260	28.779	.03394	.03226	.05141	.05954	.00981	-.06206	-.02449	-.08656	-.12892
.260	30.727	.04197	.03736	.06015	.07304	.01749	-.05480	-.01862	-.07343	-.12773
	GRADIENT	.00000	.00043	.00007	.00042	-.00008	-.00005	-.00034	-.00039	.00018

OA37 B26 C9 F9 M7 W16 E37 V8 R5 (BF2006) (01 JUL 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 INCHES
LREF = 474.8000 INCHES YMRP = .0000 INCHES
BREF = 936.8000 INCHES ZMRP = 375.0000 INCHES
SCALE = .0300

PARAMETRIC DATA

BETA = .000 BDFLAP = 16.300
ELEVON = .000 AILRON = .000
RUDDER = .000 SPDBRK = 25.000

RUN NO. 8/ 0 RN/L = 1.85 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CHSBUL	CHSBUR	CHSBLR	CHSBLL	CHR	CHEI	CHEO	CHETOT	CHBF
.260	-4.159	.02074	.02060	.03596	.04260	.00677	.04644	.01091	.05736	-.10808
.260	-2.105	.02161	.02105	.03654	.04435	.00837	.04660	.01021	.05681	-.10709
.260	-1.083	.02031	.02061	.03541	.04435	.00863	.04632	.01014	.05647	-.10760
.260	-.016	.02203	.01972	.03595	.04432	.01067	.04615	.00971	.05587	-.10804
.260	.995	.02204	.01973	.03709	.04434	.00955	.04645	.00972	.05618	-.10810
.260	2.033	.02073	.02060	.03595	.04432	.00850	.04657	.00908	.05565	-.10907
.260	4.098	.02246	.02104	.03933	.04375	.00584	.04508	.00788	.05297	-.11167
.260	6.145	.02158	.02102	.03649	.04601	.01008	.04163	.00569	.04733	-.11336
.260	8.206	.02333	.02148	.03934	.04434	.00685	.03623	.00309	.03933	-.11786
.260	10.236	.02072	.02146	.03705	.04544	.00764	.02911	.00014	.02926	-.12259
.260	12.330	.02116	.02191	.04213	.04432	.00144	.02328	-.00249	.02079	-.12987
.260	14.393	.02246	.02104	.04045	.04490	.00587	.01484	-.00633	.00850	-.14143
.260	16.462	.02417	.01971	.04155	.04487	.00778	.00585	-.01109	-.00524	-.15391
.260	18.545	.02460	.02277	.04155	.04487	.00515	-.00601	-.01444	-.02045	-.16878
.260	20.597	.02541	.02141	.03920	.04476	.00955	-.01773	-.01759	-.03533	-.17987
.260	22.654	.02541	.02141	.04257	.04419	.00562	-.02906	-.01966	-.04872	-.19220
.260	24.700	.02580	.02531	.04363	.04699	.00386	-.05586	-.02565	-.08151	-.20776
.260	26.767	.02919	.02744	.04411	.05321	.01084	-.06868	-.02773	-.09641	-.21505
.260	28.777	.03435	.03223	.05193	.05607	.00625	-.07222	-.02688	-.09910	-.22525
.260	30.760	.04073	.03871	.06134	.06627	.00695	-.06383	-.02112	-.08496	-.23054
	GRADIENT	.00016	-.00000	.00032	.00010	-.00006	-.00012	-.00034	-.00047	-.00043

OA37 B26 C9 F9 M7 W116 E37 V8 R5 (BF2009) (01 JUL 74)

REFERENCE DATA

SREF =	2690.0000 SQ.FT.	XMRP =	1076.7000 INCHES		
LREF =	474.8000 INCHES	YMRP =	.0000 INCHES		
BREF =	936.8000 INCHES	ZMRP =	375.0000 INCHES		
SCALE =	.0300				

PARAMETRIC DATA

BETA =	.000	BDFLAP =	16.300
ELEVON =	15.000	AILRON =	.000
RUDDER =	.000	SPOBRK =	25.000

RUN NO. 9/ 0 RN/L = 1.85 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CHSBUL	CHSBUR	CHSBLR	CHSBLL	CHR	CHEI	CHEO	CHETOT	CHBF
.260	-4.017	.02112	.02100	.03589	.04539	.00963	-.00928	-.00824	-.01753	-.12245
.260	-1.952	.02116	.01971	.03538	.04546	.01152	-.01080	-.01024	-.02105	-.12393
.260	-.949	.02027	.02145	.03479	.04484	.00888	-.01148	-.01123	-.02271	-.12458
.260	.110	.02117	.02017	.03540	.04664	.01224	-.01163	-.01253	-.02416	-.12606
.260	1.096	.02117	.02016	.03540	.04548	.01108	-.01231	-.01402	-.02634	-.12681
.260	2.157	.02071	.01970	.03592	.04486	.00994	-.01339	-.01529	-.02868	-.12668
.260	4.214	.02419	.02060	.03540	.04490	.01309	-.01697	-.01808	-.03505	-.12861
.260	6.267	.02287	.02101	.03704	.04888	.01369	-.02269	-.02161	-.04430	-.13512
.260	8.337	.02417	.02102	.03593	.04775	.01496	-.03692	-.02504	-.06196	-.13877
.260	10.396	.02202	.01971	.03593	.04602	.01239	-.04034	-.02895	-.06930	-.14494
.260	12.463	.02418	.02103	.03763	.04949	.01501	-.04775	-.03408	-.08184	-.15166
.260	14.527	.02330	.02101	.03760	.04887	.01356	-.05604	-.03754	-.09359	-.15973
.260	16.537	.02460	.02146	.03986	.04889	.01217	-.06523	-.04139	-.10663	-.16723
.260	18.661	.02371	.02143	.03812	.04882	.01298	-.07729	-.04425	-.12154	-.17774
.260	20.720	.02412	.02228	.03921	.04993	.01255	-.09250	-.04428	-.13679	-.19193
.260	22.774	.02796	.02357	.04140	.05331	.01630	-.10452	-.04784	-.15237	-.20677
.260	24.822	.02793	.02354	.04416	.05498	.01521	-.11341	-.05021	-.16362	-.21143
.260	26.855	.03219	.03005	.04745	.05835	.01303	-.11709	-.04689	-.16399	-.22241
.260	28.826	.04072	.03740	.05741	.06910	.01501	-.11445	-.04011	-.15457	-.23606
.260	30.796	.04880	.04343	.07014	.08214	.01736	-.10238	-.03343	-.13581	-.23907
	GRADIENT	.00029	-.00007	-.00001	-.00006	.00030	-.00085	-.00121	-.00206	-.00075

OA37 B26 C9 F9 M7 W116 E37 V8 R5 (BF2010) (01 JUL 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 INCHES
LREF = 474.8000 INCHES YMRP = .0000 INCHES
BREF = 936.8000 INCHES ZMRP = 375.0000 INCHES
SCALE = .0300

PARAMETRIC DATA

BETA = .000 BDFLAP = -11.700
ELEVON = 15.000 AILRON = .000
RUDDER = .000 SPDBRK = 25.000

RUN NO. 10/ 0 RN/L = 1.85 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CHSBUL	CHSBUR	CHSBLR	CHSBLL	CHR	CHEI	CHEO	CHETOT	CHBF
.260	-4.019	.01770	.01840	.03707	.04201	.00424	-.00861	-.00804	-.01666	-.02155
.260	-1.966	.01856	.01621	.03594	.04200	.00842	-.00943	-.00967	-.01911	-.02103
.260	-.937	.01814	.01884	.03595	.04259	.00593	-.01081	-.01081	-.02162	-.02078
.260	.122	.01812	.01444	.03591	.04197	.00973	-.01093	-.01215	-.02309	-.02050
.260	1.123	.01987	.01622	.03540	.04318	.01143	-.01163	-.01388	-.02551	-.02104
.260	2.165	.01898	.01838	.03647	.04139	.00551	-.01175	-.01499	-.02675	-.01871
.260	4.223	.02031	.01929	.03596	.04261	.00766	-.01382	-.01794	-.03176	-.01797
.260	6.288	.02071	.01707	.03592	.04198	.00969	-.01968	-.02133	-.04102	-.01820
.260	8.340	.01986	.01927	.03650	.04488	.00896	-.03775	-.02454	-.06230	-.02026
.260	10.387	.01943	.01709	.03595	.04489	.01128	-.04419	-.02832	-.07252	-.02360
.260	12.452	.02072	.01708	.03650	.04373	.01086	-.04978	-.03365	-.08344	-.02847
.260	14.540	.01813	.01795	.03649	.04544	.00912	-.05729	-.03691	-.09421	-.03411
.260	16.591	.02069	.01881	.03588	.04424	.01023	-.06446	-.04063	-.10510	-.03868
.260	18.669	.02068	.01967	.03643	.04364	.00822	-.07440	-.04374	-.11815	-.04941
.260	20.724	.02111	.02054	.03641	.04420	.00835	-.08815	-.04365	-.13181	-.06296
.260	22.784	.02495	.02270	.03805	.04587	.01007	-.10236	-.04700	-.14936	-.08001
.260	24.827	.02791	.02440	.04300	.05150	.01201	-.11604	-.04875	-.16479	-.08037
.260	26.849	.03048	.02787	.04466	.05320	.01113	-.12035	-.04569	-.16604	-.08952
.260	28.841	.03945	.03437	.05409	.06400	.01498	-.11641	-.03985	-.15627	-.08688
.260	30.788	.04326	.04259	.06685	.07706	.01087	-.19068	-.03211	-.13280	-.07253
	GRADIENT	.00030	.00012	-.00009	.00004	.00031	-.00061	-.00123	-.00184	.00043

OA37 B26 C9 F9 H7 W16 E37 V8 R5 (BF2011) (01 JUL 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 INCHES
LREF = 474.8000 INCHES YMRP = .0000 INCHES
BREF = 936.8000 INCHES ZMRP = 375.0000 INCHES
SCALE = .0300

PARAMETRIC DATA

BETA = .000 BOFLAP = -11.700
ELEVON = -10.000 AILRON = .000
RUDDER = .000 SPDBRK = 25.000

RUN NO. 11/ 0 RN/L = 1.85 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CHSBUL	CHSBUR	CHSBLR	CHSBLL	CHR	CHEI	CHEO	CHETOT	CHBF
.260	-4.271	.01900	.01621	.03651	.04662	.01289	.11016	.02570	.13586	.00975
.260	-2.206	.01985	.01795	.03593	.04601	.01198	.10723	.02350	.13073	.01126
.260	-1.179	.02031	.01841	.03709	.04549	.01029	.10721	.02233	.12954	.01255
.260	-.109	.01900	.01884	.03764	.04547	.00799	.10731	.02182	.12914	.01255
.260	.876	.01901	.01797	.03596	.04606	.01113	.10706	.02127	.12833	.01281
.260	1.928	.01944	.01753	.03540	.04664	.01314	.10883	.02232	.13116	.01435
.260	3.992	.02116	.01840	.03707	.04719	.01287	.10891	.02231	.13123	.01588
.260	6.037	.02160	.01710	.03653	.04895	.01692	.10912	.02120	.13032	.01717
.260	8.096	.02117	.01884	.03708	.04835	.01359	.10717	.02006	.12724	.01639
.260	10.153	.02158	.01883	.03705	.04946	.01516	.10314	.01892	.12206	.01612
.260	12.202	.02159	.02039	.03763	.04892	.01228	.09843	.01569	.11413	.01255
.260	14.269	.02115	.01971	.03874	.05236	.01505	.09296	.01217	.10514	.00870
.260	16.336	.02245	.01927	.03706	.05063	.01674	.08698	.00830	.09528	.00460
.260	18.404	.02155	.02099	.03813	.04883	.01126	.07991	.00548	.08539	-.00281
.260	20.482	.02111	.02055	.03923	.04824	.00957	.07091	.00210	.07302	-.01229
.260	22.531	.02372	.02187	.04038	.05114	.01260	.06226	.00070	.06296	-.02049
.260	24.598	.02408	.02313	.04307	.05101	.00889	.04420	-.00233	.04186	-.02836
.260	26.653	.02798	.02620	.04534	.05621	.01264	.02849	-.00780	.02069	-.04347
.260	28.696	.03218	.03004	.05023	.05947	.01138	.02556	-.00855	.01701	-.05175
.260	30.675	.03524	.03401	.05701	.06930	.01351	.02249	-.00587	.01661	-.05975
	GRADIENT	.00015	.00017	.00009	.00009	.00007	-.00004	-.00039	-.00044	.00072

OA37 B26 C9 F9 M7 W116 E37 V0 R5 (BF2012) (01 JUL 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 INCHES
LREF = 474.8000 INCHES YMRP = .0000 INCHES
BREF = 936.8000 INCHES ZMRP = 375.0000 INCHES
SCALE = .0300

PARAMETRIC DATA

BETA = .000 BDFLAP = -11.700
ELEVON = -20.000 AILRON = .000
RUDDER = .000 SPDBRK = 25.000

RUN NO. 12/ 0 RN/L = 1.85 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CHSBUL	CHSBUR	CHSBLR	CHSBLL	CHR	CHEI	CHEO	CHETOT	CHBF
.260	-4.315	.01856	.01927	.03706	.04660	.00883	.19721	.04947	.24668	.02381
.260	-2.273	.02031	.01666	.03710	.04953	.01608	.19170	.04692	.23862	.02409
.260	-1.226	.01857	.01884	.03651	.04893	.01214	.19119	.04605	.23724	.02510
.260	-.167	.02072	.01795	.03705	.04659	.01230	.18968	.04383	.23351	.02713
.260	.819	.02031	.01842	.03542	.04639	.01486	.19051	.04340	.23392	.02615
.260	1.885	.02070	.01794	.03702	.04713	.01286	.18929	.04190	.23119	.02609
.260	3.925	.02115	.01927	.03650	.04890	.01428	.19219	.04096	.23316	.02688
.260	5.974	.02161	.01885	.03710	.05184	.01749	.18981	.03973	.22955	.02640
.260	8.044	.02118	.01929	.03710	.05126	.01604	.19023	.03826	.22849	.02512
.260	10.088	.02115	.01971	.03649	.05004	.01499	.18521	.03433	.21955	.02509
.260	12.153	.02116	.01927	.03875	.05006	.01319	.18268	.02984	.21253	.02433
.260	14.200	.02203	.01972	.03798	.05124	.01646	.17856	.02549	.20405	.02255
.260	16.270	.02200	.01882	.03759	.05289	.01847	.17273	.02102	.19375	.01893
.260	18.326	.02073	.02016	.03876	.05411	.01591	.16354	.01774	.18129	.01127
.260	20.387	.01984	.02013	.03646	.05287	.01612	.15132	.01659	.16791	.00434
.260	22.434	.02154	.01966	.04033	.05223	.01376	.13851	.01474	.15325	.00000
.260	24.508	.02283	.02054	.04089	.05396	.01534	.11895	.01242	.13138	-.00563
.260	26.570	.02453	.02402	.04254	.05564	.01360	.10434	.01045	.11480	-.01662
.260	28.615	.02966	.02791	.04640	.05843	.01377	.09296	.00756	.10053	-.02835
.260	30.644	.03434	.03440	.05526	.06864	.01330	.08714	.00825	.09539	-.03902
	GRADIENT	.00030	.00005	-.00008	.00009	.00041	-.00059	-.00108	-.00167	.00040

REPRODUCIBILITY OF THE ORIGINAL PAGE IS POOR

OA37 B26 C9 F9 M7 W116 E37 V8 R5 (BF2013) (01 JUL 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 INCHES
LREF = 474.8000 INCHES YMRP = .0000 INCHES
BREF = 936.8000 INCHES ZMRP = 375.0000 INCHES
SCALE = .0300

PARAMETRIC DATA

BETA = .000 BDFLAP = .000
ELEVON = -20.000 AILRON = .000
RUDDER = .000 SPDBRK = 25.000

RUN NO. 13/ 0 RN/L = 1.85 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CHSBUL	CHSBUR	CHSBLR	CHSBLL	CHR	CHEI	CHEO	CHETOT	CHBF
.260	-4.299	.02073	.01753	.03652	.04605	.01273	.19651	.04907	.24558	-.01617
.260	-2.252	.02074	.01842	.03654	.04665	.01244	.19389	.04706	.24095	-.01694
.260	-1.214	.02071	.01794	.03703	.04886	.01459	.18999	.04507	.23507	-.01589
.260	-.162	.02073	.01841	.03652	.04835	.01416	.18997	.04443	.23441	-.01668
.260	.840	.02073	.01884	.03708	.04605	.01086	.18807	.04295	.23102	-.01925
.260	1.917	.02162	.01886	.03712	.04840	.01404	.18718	.04158	.22877	-.01747
.260	3.918	.02162	.02062	.03712	.04898	.01286	.19114	.04074	.23188	-.01901
.260	6.002	.02203	.02016	.03820	.04893	.01259	.18890	.03950	.22840	-.02053
.260	8.067	.02373	.02101	.04153	.05060	.01179	.18855	.03763	.22618	-.02282
.260	10.107	.02289	.02060	.03989	.05008	.01248	.18671	.03436	.22108	-.02874
.260	12.163	.02027	.02013	.03983	.05001	.01031	.18195	.02974	.21170	-.03050
.260	14.223	.02200	.02057	.04208	.05174	.01108	.17927	.02545	.20473	-.03666
.260	16.283	.02285	.02056	.04093	.05113	.01249	.16935	.02052	.18987	-.04303
.260	18.348	.02242	.02056	.04206	.05171	.01151	.15918	.01771	.17689	-.05072
.260	20.412	.02455	.02054	.04258	.05224	.01367	.14721	.01650	.16371	-.06040
.260	22.455	.02454	.02141	.04312	.05222	.01223	.13819	.01459	.15279	-.06908
.260	24.535	.02711	.02401	.04534	.05161	.00937	.11776	.01234	.13011	-.07824
.260	26.582	.02834	.02571	.04580	.05380	.01063	.09992	.00798	.10790	-.09084
.260	28.638	.03310	.03184	.05088	.05957	.00996	.09147	.00721	.09869	-.10472
.260	30.655	.03819	.03570	.05804	.06805	.01249	.08495	.00748	.09244	-.11831
	GRADIENT	.00012	.00033	.00008	.00029	.00000	-.00085	-.00107	-.00193	-.00036

OA37 B26 C9 F9 M7 W16 E37 V8 R5 (BF2016) (01 JUL 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 INCHES
LREF = 474.8000 INCHES YMRP = .0000 INCHES
BREF = 936.8000 INCHES ZMRP = 375.0000 INCHES
SCALE = .0300

PARAMETRIC DATA

BETA = .000 BDFLAP = -11.700
ELEVON = .000 AILRON = .000
RUDDER = .000 SPDBRK = 25.000

RUN NO. 16/ 0 RN/L = 1.65 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CHSBUL	CHSBUR	CHSBLR	CHSBLL	CHR	CHEI	CHEO	CHETOT	CHBF
.260	-4.166	.01985	.01883	.03760	.04313	.00654	.05477	.02338	.07816	-.00461
.260	-2.112	.01984	.01751	.03535	.04254	.00953	.05517	.02169	.07686	-.00384
.260	-1.096	.01857	.01797	.03764	.04375	.00671	.05551	.02143	.07695	-.00462
.260	-.027	.01984	.01838	.03367	.04370	.01148	.05490	.02057	.07547	-.00358
.260	.963	.02029	.01796	.03651	.04316	.00898	.05508	.02072	.07581	-.00436
.260	1.979	.01941	.01838	.03591	.04370	.00881	.05558	.02021	.07580	-.00256
.260	4.070	.02074	.01841	.03652	.04318	.00898	.05457	.01736	.07193	-.00282
.260	6.090	.02113	.01794	.03870	.04598	.01046	.05160	.01333	.06494	-.00179
.260	8.203	.01987	.01884	.03595	.04490	.00996	.04676	.00766	.05442	-.00333
.260	10.202	.02115	.01971	.03986	.04544	.00702	.03976	.00203	.04180	-.00538
.260	12.317	.02114	.01883	.04210	.04773	.00795	.03278	-.00292	.02986	-.00846
.260	14.374	.02028	.01883	.03873	.04659	.00931	.02500	-.01004	.01495	-.01564
.260	16.451	.02246	.02060	.03989	.04720	.00917	.01640	-.02010	-.00369	-.02156
.260	18.513	.02241	.01880	.03980	.04480	.00860	.00586	-.02625	-.02038	-.02996
.260	20.588	.02156	.02056	.04318	.04597	.00378	-.00631	-.03266	-.03897	-.04253
.260	22.618	.02197	.02054	.04091	.04765	.00817	-.01563	-.03597	-.05161	-.05273
.260	24.696	.02582	.02489	.04254	.05220	.01058	-.04234	-.04745	-.08980	-.06342
.260	26.751	.02837	.02660	.04696	.05441	.00922	-.05666	-.05256	-.10922	-.07662
.260	28.761	.03303	.03003	.05188	.05830	.00942	-.05654	-.05167	-.10822	-.08156
.260	30.737	.04244	.03740	.06244	.07140	.01399	-.04845	-.03777	-.08622	-.07615
	GRADIENT	.00010	.00000	-.00010	.00004	.00025	-.00001	-.00064	-.00065	.00023

OA37 B26 C9 F9 M7 W116 E37 V8 R5 (BF2017) (01 JUL 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 INCHES
LREF = 474.6000 INCHES YMRP = .0000 INCHES
BREF = 936.6000 INCHES ZMRP = 375.0000 INCHES
SCALE = .0300

PARAMETRIC DATA

BETA = .000 BDFLAP = -11.700
ELEVON = -40.000 AILRON = .000
RUDDER = .000 SPDBRK = 25.000

RUN NO. 17/ 0 RN/L = 1.85 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CHSBUL	CHSBUR	CHSBLR	CHSBLL	CHR	CHEI	CHEO	CHETOT	CHBF
.260	-4.372	.02242	.01969	.03477	.04425	.01221	.28638	.13535	.42173	.02839
.260	-2.306	.02418	.02059	.03707	.04316	.00968	.28310	.12844	.41155	.02945
.260	-1.278	.02203	.02016	.03708	.04144	.00623	.27784	.12728	.40513	.02971
.260	-.219	.02544	.02056	.03701	.04539	.01325	.27131	.12269	.39401	.02940
.260	.763	.02331	.02102	.03818	.04257	.00667	.27085	.12194	.39280	.02816
.260	1.828	.02328	.02099	.03869	.04251	.00610	.26624	.11875	.38499	.02761
.260	3.891	.02331	.02015	.03874	.04372	.00814	.26334	.11611	.37946	.02637
.260	5.959	.02458	.02012	.03701	.04367	.01111	.25387	.11309	.36696	.02352
.260	7.928	.02633	.02146	.04211	.04545	.00820	.25910	.10789	.36699	.02406
.260	10.049	.02504	.02146	.04043	.04373	.00687	.25667	.10088	.35756	.02253
.260	12.036	.02630	.02100	.04037	.04769	.01261	.25453	.08797	.34250	.02071
.260	14.173	.02457	.02012	.04204	.04710	.00950	.25815	.07855	.33671	.02045
.260	16.206	.02589	.02057	.04097	.04542	.00977	.25842	.07063	.32905	.01817
.260	18.253	.02585	.01923	.03922	.04421	.01160	.25913	.06414	.32327	.01712
.260	20.355	.02586	.02055	.04261	.04710	.00980	.26704	.06516	.33220	.01022
.260	22.372	.02756	.02271	.04200	.04820	.01103	.26496	.06431	.32927	.00178
.260	24.475	.02666	.02487	.04027	.04699	.00851	.25129	.05779	.30908	-.00434
.260	26.514	.03185	.02838	.04310	.04932	.00968	.22315	.05098	.27414	-.01176
.260	28.563	.03437	.03095	.04805	.05496	.01032	.20167	.03229	.23397	-.02603
.260	30.614	.03821	.03703	.05584	.06007	.00541	.18755	.02829	.21584	-.03954
	GRADIENT	.00007	.00008	.00047	-.00005	-.00053	-.00307	-.00235	-.00541	-.00031

OA37 B26 C9 F9 M7 W116 E37 V8 R5 (BF2018) (01 JUL 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 INCHES
LREF = 474.8000 INCHES YMRP = .0000 INCHES
BREF = 936.8000 INCHES ZMRP = 375.0000 INCHES
SCALE = .0300

PARAMETRIC DATA

BETA = .000 BDFLAP = .000
ELEVON = -40.000 AILRON = .000
RUDDER = .000 SPOBRK = 25.000

RUN NO. 18/ 0 RN/L = 1.85 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CHSBUL	CHSBUR	CHSBLR	CHSBLL	CHR	CHEI	CHEO	CHETOT	CHBF
.260	-4.359	.02372	.01837	.04038	.04654	.01150	.28774	.13492	.42266	-.02177
.260	-2.283	.02331	.01927	.03987	.04545	.00962	.28125	.12799	.40924	-.02231
.260	-1.270	.02419	.02104	.03989	.04605	.00931	.27869	.12673	.40543	-.02335
.260	-.206	.02543	.01924	.03925	.04653	.01347	.27142	.12261	.39404	-.02151
.260	.814	.02156	.01837	.03589	.04482	.01211	.27096	.12047	.39143	-.02536
.260	1.857	.02460	.01926	.04041	.04716	.01207	.26790	.11888	.38679	-.02538
.260	3.899	.02543	.02055	.04092	.04767	.01162	.26169	.11544	.37713	-.02612
.260	5.896	.02547	.01927	.04098	.04832	.01353	.25785	.11365	.37151	-.02795
.260	7.981	.02461	.02190	.04156	.04833	.00948	.25697	.10743	.36440	-.03053
.260	10.008	.02541	.02010	.04201	.04820	.01150	.25587	.09957	.35545	-.03480
.260	12.102	.02548	.01971	.04100	.04891	.01367	.25767	.08783	.34550	-.03694
.260	14.141	.02542	.02054	.04202	.04765	.01050	.25830	.07830	.33661	-.03788
.260	16.184	.02718	.02233	.04377	.05060	.01168	.26130	.07175	.33306	-.04205
.260	18.294	.02628	.02142	.04259	.04880	.01107	.26268	.06513	.32781	-.04685
.260	20.340	.02803	.02100	.04431	.05172	.01444	.27178	.06581	.33760	-.05790
.260	22.412	.03182	.02487	.04474	.05330	.01550	.27376	.06465	.33841	-.06567
.260	24.483	.03225	.02618	.04586	.05272	.01293	.25957	.05828	.31785	-.07971
.260	26.540	.03610	.02921	.04695	.05440	.01434	.23670	.04286	.27957	-.08707
.260	28.587	.03728	.03174	.05351	.05768	.00971	.20308	.03444	.23752	-.10083
.260	30.575	.03988	.03524	.05745	.06629	.01348	.18257	.03070	.21327	-.10880
	GRADIENT	.00016	.00014	-.00002	.00015	.00019	-.00320	-.00236	-.00556	-.00059

OA37 B26 C9 F9 M7 W116 E37 V8 R5 (BF2019) (01 JUL 74)

REFERENCE DATA

SREF = 2890.0000 SQ.FT. XMRP = 1076.7000 INCHES
LREF = 474.8000 INCHES YMRP = .0000 INCHES
BREF = 936.8000 INCHES ZMRP = 375.0000 INCHES
SCALE = .0300

PARAMETRIC DATA

BETA = .000 BDFLAP = -11.700
ELEVON = -20.000 AILRON = 20.000
RUDDER = .000 SPDBRK = 25.000

RUN NO. 19/ 0 RN/L = 1.85 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CHSBUL	CHSBUR	CHSBLR	CHSBLL	CHR	CHEI	CHEO	CHETOT	CHBF
.260	-4.269	.01941	.02057	.03983	.04483	.00384	.28373	.13286	.41659	.01151
.260	-2.201	.02030	.02103	.03819	.04431	.00538	.27752	.12712	.40465	.01178
.260	-1.174	.02201	.02146	.03874	.04429	.00610	.27207	.12397	.39605	.01254
.260	-.157	.01815	.02192	.03822	.04549	.00350	.26977	.12256	.39234	.01179
.260	.871	.02070	.02057	.03871	.04254	.00396	.26449	.11883	.38333	.01228
.260	1.943	.01986	.02015	.03932	.04316	.00355	.26344	.11826	.38171	.01101
.260	3.948	.01984	.02144	.04095	.04369	.00112	.25684	.11391	.37076	.01151
.260	6.039	.02161	.02192	.04272	.04492	.00188	.25364	.11265	.36630	.01051
.260	8.098	.01983	.02143	.04205	.04481	.00115	.25422	.10451	.35873	.01073
.260	10.109	.02243	.02319	.04432	.04770	.00262	.25231	.09614	.34846	.00920
.260	12.194	.02289	.02191	.04381	.04604	.00320	.25347	.08397	.33744	.00717
.260	14.276	.02544	.02231	.04486	.04539	.00365	.25849	.07548	.33397	.00537
.260	16.279	.02374	.02452	.04491	.04659	.00089	.26136	.06966	.33103	.00102
.260	18.399	.02283	.02273	.04427	.04765	.00348	.26389	.06743	.33133	-.00511
.260	20.501	.02281	.02489	.04478	.04703	.00016	.27111	.06400	.33512	-.01432
.260	22.527	.02327	.02667	.04427	.04594	-.00173	.27268	.06051	.33319	-.02304
.260	24.579	.02709	.02705	.04642	.04928	.00290	.25537	.05597	.31135	-.03015
.260	26.648	.03312	.03317	.05035	.05045	.00004	.22428	.04094	.26523	-.03987
.260	28.666	.03515	.03567	.05297	.05541	.00193	.20409	.02699	.23108	-.05272
.260	30.648	.04327	.04346	.06296	.06450	.00135	.19377	.02822	.22200	-.05752
	GRADIENT	-.00001	.00002	.00015	-.00020	-.00038	.00332	-.00228	-.00560	-.00004

OA37 B26 C9 F9 H7 W116 E37 V8 R5 (BF2020) (01 JUL 74)

REFERENCE DATA

SREF = 2890.0000 SQ.FT. XMRP = 1076.7000 INCHES
LREF = 474.8000 INCHES YMRP = .0000 INCHES
BREF = 936.8000 INCHES ZMRP = 375.0000 INCHES
SCALE = .0300

PARAMETRIC DATA

BETA = .000 BDFLAP = -11.700
ELEVON = -10.000 AILRON = 10.000
RUDDER = .000 SPDBRK = 25.000

RUN NO. 20/ 0 RN/L = 1.85 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CHSBUL	CHSBUR	CHSBLR	CHSBLL	CHR	CHEI	CHEO	CHETOT	CHBF
.260	-4.201	.02161	.02105	.03373	.04436	.01118	.19075	.09601	.28676	.00846
.260	-2.157	.02204	.02105	.03317	.04262	.01045	.18978	.09340	.28319	.00871
.260	-1.094	.02031	.02060	.03259	.04433	.01144	.19038	.09125	.28164	.00845
.260	-.068	.02160	.02104	.03147	.04318	.01227	.19215	.08984	.28200	.00973
.260	.908	.01944	.02103	.03427	.04202	.00615	.19196	.08715	.27912	.00845
.260	1.960	.02203	.02060	.03315	.04318	.01145	.19174	.08562	.27736	.00896
.260	4.032	.02069	.02143	.03419	.04193	.00699	.18883	.08142	.27026	.00971
.260	6.086	.02116	.02147	.03651	.04547	.00864	.18964	.07906	.26871	.00999
.260	8.135	.02157	.02057	.03534	.04426	.00991	.18571	.07433	.26004	.00946
.260	10.172	.02203	.02147	.03764	.04432	.00723	.18308	.06866	.25175	.00896
.260	12.235	.02116	.02147	.03763	.04661	.00867	.17826	.05916	.23743	.00589
.260	14.290	.02027	.02100	.03702	.04310	.00534	.17488	.04933	.22421	.00281
.260	16.374	.02202	.02102	.03706	.04545	.00938	.16617	.04151	.20769	-.00333
.260	18.444	.02240	.02273	.03642	.04650	.00975	.15602	.03701	.19303	-.00972
.260	20.507	.02242	.02363	.03814	.04367	.00433	.14715	.03375	.18090	-.01947
.260	22.540	.02323	.02444	.03916	.04643	.00605	.13617	.03016	.16634	-.02888
.260	24.624	.02576	.02701	.04133	.04807	.00549	.11527	.02354	.13882	-.04031
.260	26.682	.02881	.03054	.04530	.04699	-.00004	.09883	.01630	.11513	-.05187
.260	28.710	.03309	.03357	.04583	.05211	.00579	.09412	.01447	.10860	-.05847
.260	30.707	.04158	.04175	.05686	.06511	.00868	.08846	.01590	.10436	-.06137
	GRADIENT	-.00011	.00002	.00008	-.00025	-.00046	-.00005	-.00181	-.00186	.00013

OA37 B26 C9 F9 MT W116 E37 V8 R5 (BF2021) (01 JUL 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 INCHES
LREF = 474.8000 INCHES YMRP = .0000 INCHES
BREF = 936.8000 INCHES ZMRP = 375.0000 INCHES
SCALE = .0300

PARAMETRIC DATA

BETA = .000 BDFLAP = -11.700
ELEVON = .000 AILRON = 15.000
RUDDER = .000 SPDBRK = 25.000

RUN NO. 21/ 0 RN/L = 1.85 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CHSBUL	CHSBUR	CHSBLR	CHSBLL	CHR	CHEI	CHEO	CHETOT	CHBF
.260	-4.157	.01984	.02013	.04096	.04254	.00129	.14886	.07715	.22601	-.00051
.260	-2.113	.02203	.01972	.04045	.04318	.00503	.14755	.07317	.22073	.00128
.260	-1.074	.02200	.02101	.04209	.04140	.00030	.14505	.07027	.21532	.00025
.260	-.024	.02073	.02103	.03988	.04144	.00125	.14561	.06824	.21385	.00102
.260	.964	.02377	.02149	.04216	.04262	.00274	.14353	.06667	.21021	.00153
.260	2.034	.02071	.02145	.04153	.04255	.00028	.14574	.06340	.20914	.00127
.260	4.083	.02289	.02191	.04156	.04316	.00257	.14368	.06092	.20460	.00333
.260	6.094	.02243	.02189	.04209	.04312	.00158	.13849	.05728	.19577	.00307
.260	8.201	.02287	.02189	.04265	.04140	-.00027	.13521	.05398	.18920	.00153
.260	10.258	.02242	.02363	.04206	.04482	.00155	.12995	.04946	.17942	.00051
.260	12.295	.02157	.02232	.04264	.04254	-.00085	.12564	.04106	.16671	-.00102
.260	14.371	.02415	.02494	.04263	.04425	.00083	.12110	.03326	.15436	-.00640
.260	16.440	.02284	.02186	.04260	.04537	.00374	.11704	.02699	.14404	-.01126
.260	18.506	.02458	.02362	.04262	.04367	.00200	.11302	.02336	.13638	-.01972
.260	20.571	.02412	.02622	.04257	.04477	.00009	.10566	.01836	.12402	-.03122
.260	22.611	.02365	.02531	.04754	.04184	-.00736	.09557	.01462	.11019	-.03858
.260	24.672	.03055	.02663	.04869	.04932	.00454	.07792	.00889	.08681	-.04500
.260	26.717	.03052	.03140	.05088	.04984	-.00192	.06096	-.00070	.06025	-.05466
.260	28.746	.03860	.03568	.05689	.05886	.00488	.05782	-.00184	.05598	-.06039
.260	30.723	.05144	.04567	.06801	.08283	.02058	.05753	-.00035	.05717	-.07156
	GRADIENT	.00026	.00026	.00011	.00006	-.00005	-.00060	-.00203	-.00263	.00038

OA37 B26 C9 F9 M7 W116 E37 V8 R5 (BF2022) (01 JUL 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 INCHES
LREF = 474.8000 INCHES YMRP = .0000 INCHES
BREF = 936.8000 INCHES ZMRP = 375.0000 INCHES
SCALE = .0300

PARAMETRIC DATA

BETA = .000 BDFLAP = -11.700
ELEVON = -10.000 AILRON = 5.000
RUDDER = .000 SPDBRK = 25.000

RUN NO. 22/ 0 RN/L = 1.85 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CHSBUL	CHSBUR	CHSBLR	CHSBLL	CHR	CHEI	CHEO	CHETOT	CHBF
.260	-4.250	.02115	.02059	.03874	.04142	.00324	.15525	.07959	.23485	.01152
.260	-2.209	.02074	.01973	.03934	.04318	.00485	.15291	.07571	.22863	.01153
.260	-1.167	.02113	.02057	.03927	.04196	.00325	.14950	.07305	.22256	.01151
.260	-.124	.02031	.02017	.03879	.04147	.00282	.14982	.07082	.22064	.01153
.260	.876	.02073	.02060	.04157	.04432	.00288	.14795	.06832	.21627	.01229
.260	1.921	.01987	.02016	.04158	.04260	.00073	.14783	.06748	.21532	.01255
.260	3.980	.02031	.02105	.04329	.04493	.00090	.14640	.06259	.20899	.01281
.260	6.038	.02247	.02061	.04104	.04435	.00517	.14393	.05928	.20322	.01461
.260	8.093	.02244	.02014	.04154	.04141	.00217	.13867	.05512	.19380	.01356
.260	10.154	.02247	.02016	.04495	.04836	.00571	.13485	.05118	.18603	.01383
.260	12.182	.02115	.02102	.04490	.04371	-.00106	.12828	.04438	.17266	.01100
.260	14.268	.02244	.02233	.04490	.04831	.00351	.12336	.03546	.15882	.00716
.260	16.329	.02288	.02015	.04436	.04775	.00612	.11890	.02887	.14777	.00128
.260	18.364	.02242	.02100	.04486	.04482	.00137	.11492	.02553	.14046	-.00691
.260	20.474	.02157	.02276	.04546	.04485	-.00179	.10695	.02015	.12710	-.01692
.260	22.534	.02371	.02493	.04541	.04480	-.00182	.09797	.01655	.11452	-.02330
.260	24.574	.02498	.02535	.04538	.04765	.00189	.07950	.01079	.09029	-.03302
.260	26.622	.02750	.02746	.05085	.04924	-.00157	.06079	.00097	.06177	-.04646
.260	28.682	.03095	.02791	.05367	.05499	.00435	.05742	-.00014	.05728	-.05389
.260	30.677	.03899	.03738	.06241	.06623	.00542	.05533	.00139	.05672	-.06008
	GRADIENT	-.00013	.00006	.00058	.00035	-.00042	-.00109	-.00206	-.00315	.00018

OA37 B26 C9 F9 H7 W116 E37 V8 R5 (BF2023) (01 JUL 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 INCHES
LREF = 474.8000 INCHES YMRP = .0000 INCHES
BREF = 936.8000 INCHES ZMRP = 375.0000 INCHES
SCALE = .0300

PARAMETRIC DATA

BETA = .000 BDFLAP = -11.700
ELEVON = -20.000 AILRON = 15.000
RUDDER = .000 SPDBRK = 25.000

RUN NO. 23/ 0 RN/L = 1.85 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CHSBUL	CHSBUR	CHSBLR	CHSBLL	CHR	CHEI	CHEO	CHETOT	CHBF
.260	-4.280	.02200	.01926	.03535	.04600	.01338	.26346	.12370	.38716	.01586
.260	-2.223	.02029	.01971	.03651	.04086	.00493	.25835	.11601	.37437	.01588
.260	-1.195	.01985	.01971	.03480	.04314	.00848	.25646	.11251	.36897	.01536
.260	-.132	.01987	.01972	.03483	.04317	.00848	.25773	.11111	.36885	.01537
.260	.887	.02032	.01887	.03600	.04380	.00926	.25257	.10977	.36235	.01539
.260	1.924	.02027	.02013	.03703	.04484	.00795	.24704	.10873	.35578	.01560
.260	3.988	.02117	.02104	.03596	.04548	.00964	.24382	.11036	.35418	.01537
.260	6.022	.02202	.02059	.03594	.04430	.00979	.23822	.10538	.34361	.01536
.260	8.087	.02202	.01972	.03595	.04719	.01355	.23788	.09958	.33746	.01537
.260	10.142	.02201	.02102	.03593	.04716	.01223	.23281	.09474	.32756	.01382
.260	12.205	.02029	.02058	.03649	.04257	.00577	.23217	.08197	.31415	.01203
.260	14.274	.02246	.02060	.03820	.04720	.01086	.24243	.07415	.31658	.01127
.260	16.304	.02156	.02056	.03870	.04540	.00769	.24039	.06729	.30769	.00792
.260	18.390	.02288	.01971	.03987	.04545	.00875	.24982	.06104	.31087	.00204
.260	20.458	.02240	.02054	.04090	.04650	.00745	.25516	.06154	.31670	-.00793
.260	22.508	.02324	.02270	.03918	.04645	.00780	.25351	.05700	.31051	-.01559
.260	24.576	.02583	.02446	.04367	.04819	.00588	.24447	.05554	.30002	-.02225
.260	26.629	.02834	.02876	.04468	.04921	.00411	.21546	.03822	.25369	-.03240
.260	28.660	.03266	.03227	.04807	.05383	.00615	.19862	.03349	.23211	-.04928
.260	30.660	.03948	.03832	.05470	.06862	.01509	.18650	.03575	.22225	-.05788
	GRADIENT	-.00007	.00016	.00011	.00015	-.00019	-.00242	-.00163	-.00404	-.00006

OA37 B26 C9 F9 H7 W116 E37 V8 R5 (BF2024) (01 JUL 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 INCHES
LREF = 474.8000 INCHES YMRP = .0000 INCHES
BREF = 936.8000 INCHES ZMRP = 375.0000 INCHES
SCALE = .0300

PARAMETRIC DATA

BETA = .000 BDFLAP = -11.700
ELEVON = -10.000 AILRON = 15.000
RUDDER = .000 SPDBRK = 25.000

RUN NO. 24/ 0 RN/L = 1.85 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CHSBUL	CHSBUR	CHSBLR	CHSBLL	CHR	CHEI	CHEO	CHETOT	CHBF
.260	-4.217	.02244	.01926	.03367	.03737	.00687	.21240	.10833	.32073	.00818
.260	-2.163	.02030	.02060	.03540	.04145	.00575	.21048	.10531	.31579	.00845
.260	-1.119	.02118	.02017	.03598	.03802	.00304	.20989	.10423	.31413	.00922
.260	-.077	.02118	.02017	.03317	.03860	.00643	.20828	.10094	.30922	.00923
.260	.910	.02117	.01973	.03597	.03973	.00520	.20805	.09970	.30776	.00999
.260	1.952	.01983	.01881	.03309	.03677	.00471	.20611	.09689	.30300	.00869
.260	4.032	.02246	.02191	.03482	.04143	.00716	.20738	.09620	.30358	.01024
.260	6.081	.02244	.02145	.03592	.04198	.00704	.20695	.09163	.29858	.01023
.260	8.147	.02246	.02104	.03596	.04260	.00806	.20648	.08702	.29351	.00948
.260	10.191	.02285	.02187	.03645	.04022	.00474	.20516	.08076	.28592	.00716
.260	12.261	.02204	.02105	.03822	.04262	.00538	.20740	.07194	.27934	.00538
.260	14.316	.02203	.02147	.03596	.04317	.00777	.21126	.06436	.27565	.00204
.260	16.374	.02203	.02191	.03595	.04144	.00560	.21136	.05664	.26801	-.00230
.260	18.445	.02202	.02146	.03930	.04602	.00727	.21264	.05275	.26540	-.01103
.260	20.483	.02242	.02274	.03981	.04194	.00180	.20743	.04693	.25436	-.02100
.260	22.532	.02197	.02622	.04034	.04248	-.00211	.19281	.04030	.23312	-.02918
.260	24.613	.02665	.02617	.04473	.04583	.00158	.16384	.03595	.19980	-.03780
.260	26.671	.03055	.03099	.04477	.04702	.00180	.13701	.02800	.16502	-.04857
.260	28.692	.03601	.03436	.05296	.05427	.00295	.12334	.02706	.15041	-.05017
.260	30.668	.04638	.04313	.06031	.06466	.00758	.11798	.02717	.14515	-.06097
	GRADIENT	-.00002	.00015	-.00000	.00020	.00003	-.00071	-.00161	-.00232	.00022

REPRODUCIBILITY OF THE ORIGINAL PAGE IS POOR

OA37 B26 C9 F9 M7 W116 E37 V8 R5 (BF2025) (01 JUL 74)

REFERENCE DATA

SREF = 2890.0000 SQ.FT. XMRP = 1078.7000 INCHES
LREF = 474.8000 INCHES YMRP = .0000 INCHES
BREF = 936.8000 INCHES ZMRP = 375.0000 INCHES
SCALE = .0300

PARAMETRIC DATA

BETA = .000 BDFLAP = -11.700
ELEVON = .000 AILRON = 5.000
RUDDER = .000 SPDBRK = 25.000

RUN NO. 25/ 0 RN/L = 1.85 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CHSBUL	CHSBUR	CHSBLR	CHSBLL	CHR	CHEI	CHEO	CHETOT	CHBF
.260	-4.171	.02074	.01753	.03372	.03858	.00806	.07850	.03578	.11429	-.00487
.260	-2.111	.02074	.01841	.03428	.03685	.00489	.07878	.03311	.11190	-.00359
.260	-1.089	.01943	.01796	.03314	.03856	.00688	.07874	.03239	.11114	-.00384
.260	-.022	.02071	.01839	.03592	.03853	.00493	.07936	.03195	.11131	-.00333
.260	.954	.02074	.01973	.03428	.04089	.00761	.07948	.03276	.11225	-.00333
.260	2.021	.02030	.01840	.03539	.04029	.00679	.08203	.03387	.11591	-.00410
.260	4.060	.01899	.01970	.03704	.03853	.00077	.08101	.03307	.11408	-.00307
.260	6.136	.02028	.01882	.03648	.04025	.00522	.07922	.03082	.11004	-.00307
.260	8.183	.02201	.01883	.03592	.04083	.00809	.07568	.02689	.10257	-.00384
.260	10.198	.02162	.01842	.03880	.04379	.00818	.07007	.02188	.09196	-.00590
.260	12.306	.02501	.01794	.03646	.04080	.01141	.06320	.01571	.07892	-.00871
.260	14.346	.02117	.01929	.03933	.04203	.00457	.05621	.00787	.06408	-.01283
.260	16.418	.02069	.01881	.03701	.04079	.00566	.04749	-.00206	.04543	-.01946
.260	18.506	.02114	.02013	.03927	.04312	.00484	.03714	-.00918	.02796	-.02896
.260	20.549	.02156	.02012	.03757	.04022	.00408	.02593	-.01579	.01013	-.03996
.260	22.642	.02324	.02096	.03974	.04186	.00440	.01484	-.01974	-.00489	-.04884
.260	24.681	.02582	.02445	.04310	.04702	.00529	-.00397	-.02975	-.03373	-.05881
.260	26.732	.02752	.02661	.04474	.04985	.00601	-.01779	-.03477	-.05257	-.06898
.260	28.763	.03348	.03179	.04801	.05605	.00973	-.02077	-.03527	-.05604	-.07243
.260	30.709	.04448	.03949	.06063	.07353	.01788	-.01688	-.02689	-.04378	-.06938
	GRADIENT	-.00015	.00024	.00039	.00021	-.00057	.00040	-.00021	.00019	.00015

OA37 B26 C9 F9 M7 W116 E37 V8 R5 (BF2026) (01 JUL 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 INCHES
LREF = 474.8000 INCHES YMRP = .0000 INCHES
BREF = 936.8000 INCHES ZMRP = 375.0000 INCHES
SCALE = .0300

PARAMETRIC DATA

BETA = .000 BOFLAP = -11.700
ELEVON = -20.000 AILRON = 5.000
RUDDER = .000 SPDBRK = 25.000

RUN NO. 26/ 0 RN/L = 1.85 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CHSBUL	CHSBUR	CHSBLR	CHSBLL	CHR	CHEI	CHEO	CHETOT	CHBF
.260	-4.288	.02160	.01929	.04383	.04548	.00396	.21184	.10748	.31933	.02306
.260	-2.233	.02204	.01973	.04273	.04666	.00624	.21003	.10887	.31891	.02384
.260	-1.209	.02160	.02147	.04045	.04374	.00342	.21084	.10732	.31816	.02254
.260	-.143	.02418	.01971	.04212	.04315	.00550	.21007	.10531	.31539	.02356
.260	.839	.02199	.01925	.04150	.04654	.00778	.20786	.10242	.31029	.02378
.260	1.909	.02073	.02147	.04326	.04835	.00435	.20660	.10036	.30697	.02331
.260	3.958	.02156	.02012	.04374	.04559	.00308	.20624	.09815	.30440	.02378
.260	6.016	.02206	.02063	.04389	.04785	.00539	.20514	.09510	.30024	.02386
.260	8.035	.02197	.01923	.04315	.04651	.00609	.20392	.09002	.29395	.02274
.260	10.100	.02377	.01973	.04441	.05011	.00973	.20454	.08354	.28809	.02332
.260	12.184	.02157	.02057	.04377	.05175	.00897	.20693	.07421	.28114	.02175
.260	14.235	.02245	.01971	.04323	.05062	.01012	.21112	.06609	.27721	.01971
.260	16.299	.02247	.02060	.04383	.05067	.00870	.21324	.05884	.27208	.01665
.260	18.332	.02199	.02012	.04374	.05114	.00926	.21088	.05030	.26118	.01074
.260	20.424	.02331	.02102	.04491	.04831	.00569	.21081	.04768	.25849	.00204
.260	22.490	.02411	.02140	.04536	.05221	.00955	.19965	.04315	.24281	-.00383
.260	24.543	.02411	.02271	.04368	.05049	.00820	.17322	.03811	.21133	-.01074
.260	26.591	.02752	.02487	.04642	.05559	.01181	.14253	.03078	.17332	-.02018
.260	28.622	.02968	.02836	.05258	.05732	.00604	.11913	.02736	.14649	-.03169
.260	30.649	.03558	.03349	.05911	.06342	.00640	.10789	.02790	.13579	-.04305
	GRADIENT	-.00005	.00011	.00004	.00013	-.00007	-.00074	-.00137	-.00211	.00007

REPRODUCIBILITY OF THE ORIGINAL PAGE IS POOR

OA37 B26 C9 F9 W7 W16 E37 V8 R5 (BF2027) (01 JUL 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 INCHES
LREF = 474.8000 INCHES YMRP = .0000 INCHES
BREF = 936.8000 INCHES ZMRP = 375.0000 INCHES
SCALE = .0300

PARAMETRIC DATA

BETA = .000 BDFLAP = -11.700
ELEVON = .000 AILRON = .000
RUDDER = .000 SPDBRK = 55.000

RUN NO. 27/ 0 RN/L = 1.85 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CHSBUL	CHSBUR	CHSBLR	CHSBLL	CHR	CHEI	CHEO	CHETOT	CHBF
.260	-4.163	.06213	.06260	.09484	.09889	.00358	.05531	.02358	.07890	-.01615
.260	-2.087	.06135	.06488	.09440	.09960	.00167	.05579	.02186	.07765	-.01591
.260	-1.088	.06081	.06389	.09311	.09885	.00266	.05542	.02126	.07668	-.01434
.260	-.079	.06264	.06268	.09664	.10074	.00456	.05510	.02080	.07591	-.01437
.260	.963	.06213	.06479	.09596	.10062	.00200	.05544	.02070	.07615	-.01435
.260	2.024	.06182	.06316	.09445	.10023	.00443	.05623	.02018	.07642	-.01464
.260	4.074	.06213	.06435	.09708	.10349	.00419	.05408	.01776	.07184	-.01333
.260	6.114	.06265	.06488	.09834	.10307	.00249	.05197	.01335	.06533	-.01335
.260	8.193	.06262	.06309	.09941	.10646	.00657	.04606	.00800	.05407	-.01334
.260	10.252	.06262	.06354	.10110	.10704	.00502	.03896	.00203	.04099	-.01565
.260	12.313	.06296	.06519	.09871	.10803	.00709	.03303	-.00306	.02997	-.01921
.260	14.350	.06261	.06221	.10165	.10818	.00692	.02501	-.00961	.01539	-.02257
.260	16.439	.05996	.06390	.10155	.10864	.00315	.01611	-.01950	-.00339	-.03024
.260	18.511	.06170	.06260	.10100	.10981	.00790	.00450	-.02634	-.02183	-.03973
.260	20.573	.06028	.06247	.10415	.11016	.00381	-.00726	-.03239	-.03966	-.05218
.260	22.631	.05643	.05857	.10421	.11079	.00444	-.01686	-.03525	-.05212	-.06347
.260	24.698	.05851	.05849	.10799	.11581	.00783	-.04355	-.04714	-.09070	-.07234
.260	26.721	.05877	.05745	.11604	.11889	.00417	-.05667	-.05181	-.10849	-.08232
.260	28.770	.06265	.06183	.12502	.13038	.00618	-.05957	-.05049	-.11006	-.08669
.260	30.713	.06595	.06430	.13645	.14323	.00442	-.05044	-.03568	-.08613	-.07403
	GRADIENT	.00005	.00010	.00027	.00050	.00017	-.00009	-.00063	-.00072	.00032

PRECEDING PAGE BLANK NOT FILMED

REPRODUCIBILITY OF THE ORIGINAL PAGE IS POOR

OA37 B26 C9 F9 M7 W116 E37 V8 R5 (BF2028) (01 JUL 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 INCHES
LREF = 474.8000 INCHES YMRP = .0000 INCHES
BREF = 936.8000 INCHES ZMRP = 375.0000 INCHES
SCALE = .0300

PARAMETRIC DATA

ALPHA = .000 BDFLAP = -11.700
ELEVON = .000 AILRON = .000
RUDDER = .000 SPDBRK = 55.000

RUN NO. 28/ 0 RN/L = 1.85 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CHSBUL	CHSBUR	CHSBLR	CHSBLL	CHR	CHEI	CHEO	CHETOT	CHBF
.260	-10.141	.07990	.02234	.10335	.14100	.09520	.04511	.02023	.06534	-.02489
.260	-8.158	.07773	.03812	.09772	.13293	.07482	.04647	.02016	.06663	-.02386
.260	-6.135	.07766	.06085	.09651	.12648	.04678	.04848	.02007	.06855	-.02230
.260	-4.056	.07079	.06175	.09038	.11331	.03196	.05013	.01994	.07008	-.02077
.260	-2.073	.06514	.06171	.09089	.10634	.01888	.05297	.02021	.07319	-.01845
.260	-.055	.06350	.06443	.09550	.10015	.00372	.05482	.02017	.07499	-.01591
.260	1.977	.05827	.06613	.09881	.09951	-.00715	.05724	.02022	.07747	-.01718
.260	4.000	.05868	.07135	.10549	.09831	-.01985	.05817	.02063	.07881	-.01999
.260	6.033	.05998	.07530	.11504	.10292	-.02744	.05900	.02064	.07964	-.01999
.260	8.062	.03715	.07626	.12191	.10764	-.05338	.06084	.02080	.08164	-.02309
.260	10.079	.01901	.07628	.13150	.11343	-.07534	.06181	.02130	.08312	-.02182
	GRADIENT	-.00154	.00117	.00189	-.00182	-.00643	.00101	.00007	.00108	.00014

OA37 B26 C9 F9 M7 W116 E37 V8 R5 (BF2029) (01 JUL 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 INCHES
LREF = 474.8000 INCHES YMRP = .0000 INCHES
BREF = 936.8000 INCHES ZMRP = 375.0000 INCHES
SCALE = .0300

PARAMETRIC DATA

ALPHA = 10.000 BDFLAP = -11.700
ELEVON = .000 AILRON = .000
RUDDER = .000 SPDBRK = 55.000

RUN NO. 29/ 0 RN/L = 1.85 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CHSBUL	CHSBUR	CHSBLR	CHSBLL	CHR	CHEI	CHEO	CHETOT	CHBF
.260	-10.159	.07029	.02362	.07908	.12642	.09401	.02907	.00589	.03496	-.03382
.260	-8.141	.06731	.03589	.07238	.11556	.07458	.03031	.00498	.03530	-.02922
.260	-6.118	.06343	.04904	.08025	.11673	.05087	.03278	.00498	.03776	-.02410
.260	-4.045	.06610	.05611	.08653	.11572	.03918	.03473	.00372	.03846	-.02258
.260	-2.077	.06860	.06084	.09538	.11210	.02447	.03591	.00266	.03858	-.01896
.260	-.079	.06433	.06308	.10163	.10643	.00605	.03963	.00203	.04166	-.01718
.260	1.983	.06258	.06700	.10609	.10180	-.00871	.04221	.00147	.04369	-.01615
.260	3.991	.05912	.06830	.11000	.09776	-.02142	.04589	.00119	.04708	-.01769
.260	6.049	.05399	.06661	.11346	.09726	-.02882	.04812	.00105	.04917	-.02129
.260	8.058	.04013	.06743	.11057	.09259	-.04528	.05218	.00070	.05288	-.02461
.260	10.090	.02762	.07008	.11734	.08916	-.07063	.05438	.00021	.05459	-.02795
	GRADIENT	-.00100	.00152	.00286	-.00230	-.00767	.00142	-.00031	.00111	.00062

OA37 B26 C9 F9 M7 W116 E37 V8 R5 (BF2030) (01 JUL 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 INCHES
LREF = 474.8000 INCHES YMRP = .0000 INCHES
BREF = 936.8000 INCHES ZMRP = 375.0000 INCHES
SCALE = .0300

PARAMETRIC DATA

ALPHA = 15.000 BDFLAP = -11.700
ELEVON = .000 AILRON = .000
RUDDER = .000 SPDBRK = 55.000

RUN NO. 30/ 0 RN/L = 1.85 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CHSBUL	CHSBUR	CHSBLR	CHSBLL	CHR	CHEI	CHEO	CHETOT	CHBF
.260	-10.148	.06906	.02715	.05164	.12193	.11219	.01393	-.01068	.00325	-.05615
.260	-8.134	.06905	.03853	.07184	.12307	.08174	.01352	-.01089	.00262	-.04692
.260	-6.136	.06943	.05557	.08918	.13102	.05571	.01337	-.01252	.00085	-.03945
.260	-4.094	.06561	.05649	.08982	.12251	.04180	.01571	-.01388	.00182	-.03180
.260	-2.046	.06906	.05868	.09768	.11561	.02831	.01912	-.01517	.00395	-.02923
.260	-.048	.06211	.06083	.09929	.10748	.00947	.02143	-.01509	.00634	-.02639
.260	1.985	.05993	.06562	.10823	.10744	-.00647	.02156	-.01544	.00612	-.02638
.260	4.002	.06084	.07005	.11897	.10350	-.02468	.02499	-.01623	.00875	-.02768
.260	6.050	.05956	.07181	.12629	.10524	-.03330	.02622	-.01666	.00956	-.02897
.260	8.063	.04275	.06791	.11625	.08458	-.05682	.02815	-.01731	.01084	-.03848
.260	10.081	.02545	.06697	.11166	.05691	-.09626	.03250	-.01772	.01477	-.05024
	GRADIENT	-.00092	.00168	.00341	-.00228	-.00829	.00104	-.00025	.00079	.00055

OA37 B26 C9 F9 M7 W116 E37 V8 R5 (BF2031) (01 JUL 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 INCHES
LREF = 474.8000 INCHES YMRP = .0000 INCHES
BREF = 936.8000 INCHES ZMRP = 375.0000 INCHES
SCALE = .0300

PARAMETRIC DATA

ALPHA = 20.000 BDFLAP = -11.700
ELEVON = .000 AILRON = .000
RUDDER = .000 SPDBRK = 55.000

RUN NO. 31/ 0 RN/L = 1.85 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CHSBUL	CHSBUR	CHSBLR	CHSBLL	CHR	CHEI	CHEO	CHETOT	CHBF
.260	-10.118	.07589	.02624	.04205	.13789	.14547	-.00947	-.02497	-.03444	-.07738
.260	-8.120	.07749	.04630	.08286	.14743	.09576	-.01206	-.02244	-.03451	-.06983
.260	-6.097	.07875	.06200	.09795	.14795	.06676	-.01192	-.02244	-.03436	-.05676
.260	-4.044	.07146	.06029	.09578	.13656	.05199	-.01055	-.02430	-.03485	-.04758
.260	-2.056	.06466	.05685	.09923	.12005	.02862	-.01001	-.02767	-.03768	-.05098
.260	-.018	.05986	.05855	.10362	.10846	.00615	-.00975	-.03119	-.04093	-.05092
.260	2.011	.05655	.06307	.11059	.10526	-.01185	-.00742	-.03433	-.04175	-.04719
.260	4.050	.05946	.06645	.12553	.10278	-.02974	-.00370	-.03747	-.04117	-.04582
.260	6.087	.06726	.07962	.14075	.11031	-.04279	-.00274	-.04012	-.04287	-.04560
.260	8.081	.05260	.08049	.14075	.09882	-.06982	-.00411	-.04368	-.04780	-.06122
.260	10.110	.02714	.07474	.13335	.07635	-.10460	-.00589	-.04684	-.05274	-.07090
	GRADIENT	-.00158	.00092	.00350	-.00406	-.01007	.00081	-.00163	-.00082	.00036

OA37 B26 C9 F9 M7 W116 E37 V8 R5 (BF2032) (01 JUL 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 INCHES
LREF = 474.6000 INCHES YMRP = .0000 INCHES
BREF = 956.8000 INCHES ZMRP = 375.0000 INCHES
SCALE = .0300

PARAMETRIC DATA

BETA = .000 BDFLAP = .000
ELEVON = .000 AILRON = .000
RUDDER = .000 SPOBRK = 55.000

RUN NO. 32/ 0 RN/L = 1.85 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CHSBUL	CHSBUR	CHSBLR	CHSBLL	CHR	CHEI	CHEO	CHETOT	CHBF
.260	-4.109	.06300	.06786	.09485	.10121	.00149	.05204	.02373	.07577	-.04871
.260	-2.076	.06092	.07014	.09721	.10364	-.00279	.05306	.02221	.07527	-.04851
.260	-1.040	.06351	.06926	.09833	.10478	.00069	.05251	.02144	.07395	-.04774
.260	.013	.06127	.06917	.09820	.10061	-.00548	.05230	.02091	.07322	-.04742
.260	1.019	.06354	.06930	.09951	.10484	-.00042	.05240	.02109	.07350	-.04571
.260	2.065	.06297	.06870	.09872	.10402	-.00043	.05392	.02055	.07448	-.04638
.260	4.094	.06311	.07017	.09894	.10598	-.00002	.05117	.01800	.06917	-.04674
.260	6.142	.06771	.07001	.09928	.10804	.00646	.04832	.01340	.06172	-.04689
.260	8.213	.06390	.06965	.10051	.10874	.00247	.04332	.00814	.05147	-.04720
.260	10.265	.06297	.06958	.10096	.10919	.00162	.03576	.00238	.03815	-.05048
.260	12.319	.06475	.06788	.10217	.11159	.00627	.02951	-.00263	.02687	-.05334
.260	14.413	.06304	.06834	.10220	.10990	.00239	.02145	-.00961	.01183	-.05874
.260	16.480	.06129	.06831	.10384	.11330	.00242	.01284	-.01958	-.00674	-.06718
.260	18.545	.06121	.06561	.10428	.11144	.00276	.00000	-.02646	-.02646	-.07863
.260	20.626	.06128	.06830	.10888	.11328	-.00262	-.01250	-.03268	-.04518	-.09025
.260	22.671	.06067	.06986	.10745	.11067	-.00596	-.02192	-.03536	-.05728	-.10022
.260	24.751	.06059	.06366	.11234	.11625	.00084	-.04693	-.04758	-.09451	-.11158
.260	26.777	.06100	.06450	.11955	.12364	.00057	-.06277	-.05302	-.11579	-.12275
.260	28.808	.06345	.06655	.12657	.13654	.00686	-.06306	-.05044	-.11350	-.13271
.260	30.751	.06502	.06987	.13964	.14592	.00142	-.05502	-.03522	-.09024	-.12453
	GRADIENT	.00011	.00015	.00048	.00046	-.00006	-.00004	-.00062	-.00066	.00033

OA37 B26 C9 F9 H7 W116 E37 V8 R5 (BF2033) (01 JUL 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 INCHES
LREF = 474.8000 INCHES YMRP = .0000 INCHES
BREF = 936.8000 INCHES ZMRP = 375.0000 INCHES
SCALE = .0300

PARAMETRIC DATA

BETA = .000 BOFLAP = 16.300
ELEVON = .000 AILRON = .000
RUDDER = .000 SPDBRK = 55.000

RUN NO. 33/ 0 RN/L = 1.85 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CHSBUL	CHSBUR	CHSBLR	CHSBLL	CHR	CHEI	CHEO	CHETOT	CHBF
.260	-4.111	.06556	.06302	.09704	.10288	.00837	.04573	.02280	.06854	-.11557
.260	-2.042	.06478	.06266	.09717	.10302	.00796	.04565	.02143	.06709	-.11393
.260	-1.017	.06472	.06172	.09652	.10522	.01169	.04520	.02035	.06556	-.11433
.260	.036	.06527	.06228	.09950	.10541	.00889	.04528	.01990	.06519	-.11659
.260	1.057	.06785	.06314	.09949	.10769	.01291	.04541	.02018	.06559	-.11811
.260	2.084	.06685	.06301	.10152	.10919	.01150	.04491	.01943	.06434	-.11863
.260	4.145	.06842	.06415	.10137	.10848	.01138	.04345	.01669	.06014	-.11989
.260	6.195	.06860	.06391	.10381	.11039	.01126	.03946	.01221	.05168	-.12228
.260	8.234	.06688	.06260	.10325	.10924	.01026	.03482	.00709	.04191	-.12330
.260	10.309	.06901	.06258	.10546	.11035	.01132	.02771	.00112	.02883	-.12889
.260	12.373	.06740	.06181	.10733	.11227	.01053	.02051	-.00434	.01616	-.13785
.260	14.397	.06693	.06221	.10782	.11220	.00909	.01202	-.01161	.00041	-.14829
.260	16.451	.06654	.06312	.10732	.11284	.00893	.00369	-.02160	-.01791	-.16069
.260	18.571	.06554	.06037	.10599	.11491	.01409	-.00823	-.02824	-.03648	-.17523
.260	20.615	.06427	.05864	.10715	.11610	.01458	-.02073	-.03487	-.05561	-.18887
.260	22.715	.06330	.05679	.11144	.11705	.01211	-.03194	-.03773	-.06967	-.20057
.260	24.760	.06278	.05803	.11577	.11976	.00874	-.05421	-.05088	-.10510	-.21155
.260	26.773	.06174	.05742	.11932	.12683	.01182	-.07152	-.05518	-.12671	-.21320
.260	28.842	.06694	.06183	.13171	.13896	.01236	-.07569	-.05268	-.12837	-.23125
.260	30.782	.06927	.06594	.14458	.14814	.00688	-.06643	-.04050	-.10693	-.23372
	GRADIENT	.00043	.00015	.00067	.00086	.00047	-.00024	-.00066	-.00090	-.00070

OA37 B26 C9 F9 MT W116 E37 V8 R5 (BF2034) (01 JUL 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 INCHES
LREF = 474.8000 INCHES YMRP = .0000 INCHES
BREF = 936.8000 INCHES ZMRP = 375.0000 INCHES
SCALE = .0300

PARAMETRIC DATA

BETA = .000 BDFLAP = -11.700
ELEVON = 15.000 AILRON = .000
RUDDER = .000 SPDBRK = 55.000

RUN NO. 34/ 0 RN/L = 1.85 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CHSBUL	CHSBUR	CHSBLR	CHSBLL	CHR	CHEI	CHEO	CHETOT	CHBF
.260	-4.019	.06044	.05738	.09208	.09665	.00762	-.03573	-.01538	-.05112	-.03232
.260	-1.962	.05830	.05652	.09154	.09667	.00690	-.03712	-.01867	-.05579	-.03155
.260	-.948	.06136	.05743	.09160	.09731	.00963	-.03810	-.02117	-.05928	-.03183
.260	.112	.05957	.05694	.09320	.09894	.00837	-.03738	-.02386	-.06125	-.03180
.260	1.161	.06081	.05645	.09199	.09828	.01064	-.03817	-.02740	-.06557	-.03203
.260	2.162	.06094	.05701	.09331	.09964	.01026	-.03853	-.03074	-.06927	-.02953
.260	4.180	.05864	.05731	.09478	.10170	.00825	-.04187	-.03607	-.07795	-.02843
.260	6.260	.06304	.05826	.10052	.10587	.01012	-.04770	-.04389	-.09159	-.02924
.260	8.289	.06213	.05559	.09932	.10061	.00782	-.06525	-.05247	-.11772	-.03024
.260	10.389	.06259	.05606	.09937	.10297	.01012	-.06940	-.05933	-.12874	-.03334
.260	12.427	.06306	.06004	.09999	.10648	.00951	-.07742	-.06913	-.14656	-.03669
.260	14.466	.06076	.05640	.09975	.10622	.01083	-.08656	-.07451	-.16108	-.04096
.260	16.536	.05989	.05683	.10143	.10680	.00842	-.09617	-.08170	-.17787	-.04736
.260	18.647	.06076	.05597	.10089	.10796	.01187	-.11018	-.08797	-.19815	-.06042
.260	20.696	.06021	.05498	.10011	.10601	.01113	-.12870	-.08735	-.21606	-.07639
.260	22.751	.05808	.05500	.10519	.10892	.00681	-.14505	-.09349	-.23854	-.08946
.260	24.805	.05791	.05484	.10934	.10917	.00290	-.15664	-.09817	-.25482	-.08945
.260	26.788	.06051	.05529	.11832	.11837	.00526	-.16040	-.09099	-.25140	-.09000
.260	28.807	.06600	.05957	.13099	.13878	.01421	-.15488	-.07850	-.23338	-.08963
.260	30.717	.06978	.06646	.14866	.15118	.00583	-.13562	-.06365	-.19927	-.06969
	GRADIENT	-.00006	-.00001	.00034	.00063	.00024	-.00063	-.00262	-.00325	.00045

REPRODUCIBILITY OF THE
ORIGINAL PAGE IS POOR

OA37 B26 C9 F9 M7 W116 E37 V8 R5 (BF2036) (01 JUL 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 INCHES
LREF = 474.8000 INCHES YMRP = .0000 INCHES
BREF = 936.8000 INCHES ZMRP = 375.0000 INCHES
SCALE = .0300

PARAMETRIC DATA

BETA = .000 BDFLAP = -11.700
ELEVON = .000 AILRON = .000
RUDDER = .000 SPDBRK = 85.000

RUN NO. 36/ 0 RN/L = 1.85 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CHSBUL	CHSBUR	CHSBLR	CHSBLL	CHR	CHE1	CHEO	CHETOT	CHBF
.260	-4.168	.09444	.09625	.13459	.14538	.00896	.05486	.02378	.07865	-.02869
.260	-2.120	.09241	.09463	.13702	.14385	.00459	.05453	.02241	.07694	-.02514
.260	-1.079	.09369	.09725	.13757	.14613	.00500	.05548	.02156	.07704	-.02513
.260	-.038	.09362	.09280	.13690	.14487	.00878	.05503	.02098	.07601	-.02460
.260	.948	.09196	.08549	.13700	.14670	.00616	.05411	.02072	.07483	-.02385
.260	1.984	.09324	.09416	.13697	.14897	.01107	.05505	.02022	.07528	-.02385
.260	4.049	.09239	.09549	.14094	.14958	.00554	.05425	.01798	.07223	-.02154
.260	6.114	.09140	.09273	.14354	.15052	.00564	.05117	.01353	.06471	-.02126
.260	8.182	.09236	.09327	.14145	.15183	.00946	.04685	.00849	.05535	-.01974
.260	10.238	.09404	.09585	.14587	.15406	.00637	.03877	.00245	.04123	-.02127
.260	12.304	.09366	.09678	.14538	.15471	.00620	.03305	-.00242	.03063	-.02487
.260	14.371	.09529	.09449	.14804	.15742	.01018	.02442	-.00932	.01510	-.03022
.260	16.425	.09323	.09152	.14763	.15701	.01108	.01625	-.01923	-.00297	-.03820
.260	18.492	.09141	.09187	.15085	.16030	.00899	.00464	-.02639	-.02175	-.04944
.260	20.572	.09036	.09212	.15334	.16227	.00717	-.00808	-.03223	-.04031	-.06186
.260	22.641	.09124	.09082	.15728	.16402	.00714	-.01740	-.03458	-.05198	-.07338
.260	24.693	.08713	.08796	.15908	.16585	.00593	-.04017	-.04646	-.08663	-.08363
.260	26.737	.08721	.09023	.16707	.17633	.00624	-.05621	-.05182	-.10804	-.09316
.260	28.761	.08623	.08749	.17631	.18350	.00593	-.06091	-.05026	-.11118	-.09609
.260	30.707	.09080	.09169	.19217	.19860	.00554	-.04840	-.03576	-.08416	-.07862
	GRADIENT	-.00019	-.00013	.00057	.00064	.00001	-.00006	-.00066	-.00072	.00075

OA37 B26 C9 F9 M7 W116 E37 V8 R5 (BF2037) (01 JUL 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 INCHES
LREF = 474.8000 INCHES YMRP = .0000 INCHES
BREF = 936.8000 INCHES ZMRP = 375.0000 INCHES
SCALE = .0300

PARAMETRIC DATA

ALPHA = .000 BDFLAP = -11.700
ELEVON = .000 AILRON = .000
RUDDER = .000 SPDBRK = 85.000

RUN NO. 37/ 0 RN/L = 1.85 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CHSBUL	CHSBUR	CHSBLR	CHSBLL	CHR	CHEI	CHEO	CHETOT	CHBF
.260	-10.147	.10179	.04069	.14584	.18161	.09686	.04354	.01992	.06347	-.04304
.260	-8.143	.10491	.06439	.14205	.17719	.07565	.04550	.02001	.06552	-.03770
.260	-6.125	.10225	.08755	.13803	.16615	.04282	.04738	.01972	.06711	-.03486
.260	-4.066	.10008	.09672	.13464	.16037	.02908	.04983	.02014	.06997	-.03357
.260	-2.058	.09620	.09104	.13521	.15118	.02113	.05215	.02035	.07251	-.02896
.260	-.070	.09369	.09199	.13701	.14556	.01024	.05480	.02044	.07524	-.02565
.260	1.977	.09190	.09586	.14252	.14372	-.00276	.05667	.02056	.07723	-.02460
.260	4.010	.09366	.09765	.14650	.13918	-.01131	.05764	.02085	.07850	-.02948
.260	6.036	.08246	.10031	.15498	.14038	-.03245	.05903	.02093	.07996	-.02949
.260	8.061	.05742	.10119	.16172	.14038	-.06510	.06012	.02107	.08120	-.03129
.260	10.070	.03454	.10296	.16792	.14385	-.09248	.06123	.02135	.08259	-.03232
	GRADIENT	-.00085	.00033	.00154	-.00247	-.00519	.00100	.00008	.00108	.00062

OA37 B26 C9 F9 M7 W116 E37 V8 R5 (BF2038) (01 JUL 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 INCHES
LREF = 474.8000 INCHES YMRP = .0000 INCHES
BREF = 936.8000 INCHES ZMRP = 375.0000 INCHES
SCALE = .0300

PARAMETRIC DATA

ALPHA = 10.000 BDFLAP = -11.700
ELEVON = .000 AILRON = .000
RUDDER = .000 SPDBRK = 85.000

RUN NO. 38/ 0 RN/L = 1.85 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CHSBUL	CHSBUR	CHSBLR	CHSBLL	CHR	CHEI	CHEO	CHETOT	CHBF
.260	-10.124	.08798	.04025	.12901	.17413	.09285	.02825	.00617	.03443	-.04586
.260	-8.121	.09272	.06782	.13069	.17126	.06547	.02962	.00561	.03523	-.04074
.260	-6.118	.09367	.08321	.13081	.16624	.04588	.03210	.00498	.03709	-.03436
.260	-4.045	.08891	.08364	.12629	.15873	.03770	.03292	.00379	.03671	-.03307
.260	-2.062	.09143	.08882	.13741	.15574	.02092	.03644	.00273	.03918	-.02818
.260	-.034	.09325	.09461	.14486	.15302	.00680	.03867	.00189	.04056	-.02385
.260	1.984	.09363	.09806	.15038	.15063	-.00418	.04301	.00203	.04505	-.02384
.260	4.006	.09454	.09987	.15721	.14554	-.01698	.04618	.00189	.04808	-.02641
.260	6.054	.09328	.10034	.16568	.14559	-.02715	.04852	.00133	.04985	-.03053
.260	8.058	.07037	.09724	.16956	.14037	-.05606	.05165	.00084	.05249	-.03411
.260	10.090	.04486	.09017	.16776	.13739	-.07567	.05407	.00021	.05428	-.03972
	GRADIENT	.00067	.00207	.00371	-.00156	-.00666	.00164	-.00022	.00142	.00087

REPRODUCIBILITY OF THE ORIGINAL PAGE IS POOR

OA37 B26 C9 F9 M7 W116 E37 V8 R5 (BF2039) (01 JUL 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 INCHES
LREF = 474.8000 INCHES YMRP = .0000 INCHES
BREF = 936.8000 INCHES ZMRP = 375.0000 INCHES
SCALE = .0300

PARAMETRIC DATA

ALPHA = 15.000 BDFLAP = -11.700
ELEVON = .000 AILRON = .000
RUDDER = .000 SPDBRK = 85.000

RUN NO. 39/ 0 RN/L = 1.85 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CHSBUL	CHSBUR	CHSBLR	CHSBLL	CHR	CHEI	CHEO	CHETOT	CHBF
.260	-10.117	.09272	.04769	.12115	.17873	.10260	.01378	-.01017	.00361	-.06533
.260	-8.119	.09920	.07220	.13574	.17988	.07113	.01255	-.01103	.00152	-.05739
.260	-6.086	.09922	.09191	.13633	.17590	.04687	.01338	-.01188	.00149	-.04895
.260	-4.093	.09230	.08708	.13182	.16495	.03834	.01488	-.01330	.00157	-.04228
.260	-2.025	.09495	.08977	.14538	.16161	.02141	.01980	-.01445	.00535	-.04000
.260	-.068	.09277	.09369	.14759	.15927	.01076	.02062	-.01438	.00623	-.03742
.260	1.985	.09322	.09721	.15491	.15182	-.00708	.02199	-.01474	.00725	-.03461
.260	4.017	.09438	.10232	.16534	.14816	-.02511	.02509	-.01585	.00924	-.03712
.260	6.060	.09914	.10453	.17715	.15222	-.03032	.02728	-.01628	.01099	-.03892
.260	8.048	.07547	.09801	.17275	.14481	-.05047	.02798	-.01700	.01097	-.04740
.260	10.086	.04749	.09331	.16509	.12197	-.08893	.03238	-.01731	.01507	-.05720
	GRADIENT	.00012	.00187	.00379	-.00215	-.00769	.00112	-.00027	.00085	.00078

OA37 B26 C9 F9 M7 W116 E37 V8 R5 (BF2040) (01 JUL 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 INCHES
LREF = 474.8000 INCHES YMRP = .0000 INCHES
BREF = 936.8000 INCHES ZMRP = 375.0000 INCHES
SCALE = .0300

PARAMETRIC DATA

ALPHA = 20.000 BDFLAP = -11.700
ELEVON = .000 AILRON = .000
RUDDER = .000 SPDBRK = 85.000

RUN NO. 40/ 0 RN/L = 1.85 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CHSBUL	CHSBUR	CHSBLR	CHSBLL	CHR	CHEI	CHEO	CHETOT	CHBF
.260	-10.134	.10072	.04803	.11195	.19787	.13859	-.00835	-.02436	-.03272	-.07927
.260	-8.135	.10636	.08126	.14336	.19738	.07911	-.01137	-.02252	-.03390	-.07367
.260	-6.112	.10800	.10041	.14718	.19151	.05192	-.01082	-.02215	-.03297	-.06135
.260	-4.030	.10203	.09697	.14557	.18357	.04306	-.00890	-.02358	-.03249	-.05166
.260	-2.061	.09470	.09215	.14276	.17036	.03015	-.01000	-.02720	-.03721	-.05498
.260	-.043	.09168	.09302	.15226	.16174	.00814	-.00931	-.03125	-.04057	-.05881
.260	1.984	.08955	.09479	.16182	.15318	-.01388	-.00740	-.03403	-.04143	-.05064
.260	4.008	.09471	.10090	.17245	.15260	-.02604	-.00150	-.03680	-.03830	-.05218
.260	6.071	.10071	.10961	.18584	.15657	-.03816	-.00219	-.04076	-.04295	-.05139
.260	8.080	.08281	.11202	.18903	.15230	-.06594	-.00233	-.04362	-.04596	-.06559
.260	10.084	.05036	.10089	.16867	.13251	-.10669	-.00219	-.04631	-.04850	-.07187
	GRADIENT	-.00098	.00053	.00363	-.00393	-.00906	.00087	-.00165	-.00078	.00017

OA37 B26 C9 F9 M7 W116 E37 V8 R5 (BF2041) (01 JUL 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 INCHES
LREF = 474.8000 INCHES YMRP = .0000 INCHES
BREF = 936.8000 INCHES ZMRP = 375.0000 INCHES
SCALE = .0300

PARAMETRIC DATA

BETA = .000 BDFLAP = .000
ELEVON = .000 AILRON = .000
RUDDER = .000 SPDBRK = 85.000

RUN NO. 41/ 0 RN/L = 1.85 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CHSBUL	CHSBUR	CHSBLR	CHSBLL	CHR	CHEI	CHEO	CHETOT	CHBF
.260	-4.152	.09189	.09454	.13409	.14199	.00524	.05188	.02358	.07547	-.05895
.260	-2.094	.09238	.09504	.13699	.14554	.00588	.05192	.02219	.07411	-.05873
.260	-1.083	.09156	.09465	.13761	.14502	.00432	.05194	.02143	.07337	-.05876
.260	-.021	.09157	.09598	.13932	.14792	.00420	.05181	.02122	.07304	-.05799
.260	.981	.09294	.09562	.13830	.14919	.00821	.05185	.02124	.07309	-.05753
.260	2.016	.09138	.09359	.13734	.14933	.00978	.05197	.02040	.07238	-.05787
.260	4.091	.09112	.09376	.14097	.14904	.00542	.05084	.01770	.06855	-.05824
.260	6.123	.09272	.09538	.14245	.15170	.00658	.04695	.01297	.05993	-.05662
.260	8.192	.09325	.09462	.14486	.15245	.00622	.04236	.00807	.05043	-.05899
.260	10.261	.09486	.09624	.14579	.15513	.00794	.03575	.00231	.03807	-.05994
.260	12.321	.09456	.09945	.15050	.15765	.00226	.02911	-.00270	.02640	-.06387
.260	14.385	.09607	.09791	.15240	.16017	.00592	.02072	-.00959	.01112	-.06706
.260	16.408	.09319	.09674	.15318	.15867	.00194	.01229	-.01922	-.00693	-.07664
.260	18.526	.09615	.09755	.15588	.16316	.00587	.00054	-.02639	-.02584	-.08607
.260	20.598	.09132	.09571	.15686	.16359	.00233	-.01275	-.03248	-.04523	-.09878
.260	22.655	.09132	.09266	.15686	.16417	.00596	-.02221	-.03525	-.05747	-.10749
.260	24.710	.09033	.09165	.16390	.16908	.00385	-.04587	-.04769	-.09357	-.11960
.260	26.759	.08718	.08976	.16979	.17625	.00388	-.06138	-.05286	-.11425	-.13191
.260	28.758	.08718	.08889	.17873	.18199	.00154	-.06631	-.05159	-.11790	-.14314
.260	30.711	.09250	.09385	.19382	.19801	.00284	-.05644	-.03709	-.09354	-.13255
	GRADIENT	-.00009	-.00012	.00067	.00092	.00029	-.00010	-.00063	-.00073	.00013

OA37 B26 C9 F9 H7 W16 E37 V8 R5 (BF2042) (01 JUL 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 INCHES
LREF = 474.8000 INCHES YMRP = .0000 INCHES
BREF = 936.8000 INCHES ZMRP = 375.0000 INCHES
SCALE = .0300

PARAMETRIC DATA

BETA = .000 BDFLAP = 16.300
ELEVON = .000 AILRON = .000
RUDDER = .000 SPDBRK = 85.000

RUN NO. 42/ 0 RN/L = 1.85 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CHSBUL	CHSBUR	CHSBLR	CHSBLL	CHR	CHEI	CHEO	CHETOT	CHBF
.260	-4.136	.09547	.09686	.13540	.14218	.00538	.04607	.02326	.06934	-.12704
.260	-2.074	.09556	.09651	.13777	.14750	.00876	.04584	.02145	.06730	-.12562
.260	-1.067	.09577	.09323	.13465	.14314	.01102	.04574	.02070	.06644	-.12584
.260	-.005	.09684	.09693	.13887	.15035	.01138	.04624	.02081	.06706	-.12636
.260	.986	.09704	.09539	.13966	.14999	.01197	.04600	.02055	.06656	-.12657
.260	2.039	.09631	.09596	.14154	.15078	.00958	.04606	.01981	.06588	-.12675
.260	4.094	.09790	.09539	.14078	.14999	.01171	.04381	.01655	.06037	-.12888
.260	6.154	.09888	.09594	.14320	.15247	.01221	.04045	.01222	.05267	-.13083
.260	8.197	.09696	.09750	.14291	.15160	.00814	.03491	.00729	.04221	-.13211
.260	10.253	.09798	.09372	.14427	.15185	.01183	.02800	.00140	.02941	-.13515
.260	12.308	.09825	.09662	.14515	.15619	.01266	.02073	-.00362	.01710	-.14619
.260	14.397	.09925	.09544	.14928	.15697	.01150	.01256	-.01089	.00167	-.15356
.260	16.463	.09923	.09762	.15262	.15983	.00881	.00327	-.02114	-.01786	-.16841
.260	18.509	.09515	.09523	.14895	.15548	.00645	-.00781	-.02742	-.03523	-.18187
.260	20.602	.09572	.09361	.15308	.15972	.00873	-.01949	-.03358	-.05307	-.19391
.260	22.668	.09471	.09304	.15789	.16292	.00670	-.03056	-.03686	-.06743	-.20308
.260	24.723	.09455	.09244	.16321	.17009	.00898	-.05363	-.04992	-.10356	-.21474
.260	26.774	.09151	.08980	.16875	.17576	.00872	-.06825	-.05501	-.12327	-.22029
.260	28.791	.09237	.09023	.17825	.18320	.00709	-.07345	-.05324	-.12670	-.23663
.260	30.764	.09813	.09565	.19561	.19985	.00671	-.06985	-.04108	-.11093	-.23473
	GRADIENT	.00029	-.00011	.00079	.00104	.00065	-.00019	-.00070	-.00089	-.00024

OA37 B26 C9 F9 H7 W116 E37 V8 R5 (BF2043) (01 JUL 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 INCHES
LREF = 474.8000 INCHES YMRP = .0000 INCHES
BREF = 936.8000 INCHES ZMRP = 375.0000 INCHES
SCALE = .0300

PARAMETRIC DATA

BETA = .000 BDFLAP = -11.700
ELEVON = 15.000 AILRON = .000
RUDDER = .000 SPDBRK = 85.000

RUN NO. 43/ 0 RN/L = 1.85 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CHSBUL	CHSBUR	CHSBLR	CHSBLL	CHR	CHEI	CHEO	CHETOT	CHBF
.260	-4.048	.09458	.09552	.13198	.14099	.00805	-.03767	-.01553	-.05320	-.04695
.260	-1.980	.09615	.09624	.13682	.14248	.00557	-.03774	-.01935	-.05710	-.04662
.260	-.964	.09412	.09505	.13476	.14267	.00698	-.04027	-.02187	-.06214	-.04591
.260	.093	.09400	.09538	.13515	.14365	.00712	-.03995	-.02497	-.06492	-.04329
.260	1.106	.09430	.09218	.13552	.14229	.00889	-.03906	-.02756	-.06663	-.04272
.260	2.148	.09499	.09462	.13533	.14786	.01289	-.03972	-.03070	-.07043	-.04155
.260	4.197	.09435	.09310	.13671	.14696	.01149	-.04306	-.03604	-.07911	-.03768
.260	6.258	.09579	.09325	.13861	.14835	.01227	-.04890	-.04421	-.09312	-.03768
.260	8.300	.09434	.09396	.13725	.14866	.01178	-.06541	-.05252	-.11794	-.03762
.260	10.328	.09452	.09459	.14089	.15241	.01145	-.07173	-.05968	-.13141	-.04128
.260	12.436	.09477	.09528	.14398	.15154	.00704	-.07927	-.06845	-.14773	-.04351
.260	14.504	.09623	.09238	.14312	.15411	.01484	-.08903	-.07548	-.16451	-.05050
.260	16.548	.09300	.09261	.14390	.15433	.01081	-.09773	-.08184	-.17958	-.05934
.260	18.653	.09434	.09528	.14902	.15957	.00961	-.11245	-.08828	-.20074	-.07217
.260	20.669	.09424	.09387	.15166	.16055	.00926	-.13125	-.08826	-.21951	-.08948
.260	22.760	.09291	.09209	.15328	.16049	.00803	-.14667	-.09397	-.24065	-.10273
.260	24.805	.08960	.08960	.15611	.16052	.00440	-.15805	-.09875	-.25680	-.10137
.260	26.827	.08966	.09054	.16739	.17436	.00610	-.16609	-.09691	-.26301	-.10399
.260	28.797	.09261	.09048	.18178	.18625	.00659	-.15111	-.07549	-.22660	-.09781
.260	30.748	.09917	.09975	.20124	.20505	.00322	-.13663	-.06538	-.20202	-.06983
	GRADIENT	-.00007	-.00036	.00039	.00079	.00070	-.00056	-.00255	-.00311	.00115

OA37 B26 C9 F9 M7 W116 E37 V8 R5 (BF2044) (01 JUL 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 INCHES
LREF = 474.8000 INCHES YMRP = .0000 INCHES
BREF = 936.8000 INCHES ZMRP = 375.0000 INCHES
SCALE = .0300

PARAMETRIC DATA

ALPHA = .000 BDFLAP = -11.700
ELEVON = .000 AILRON = .000
RUDDER = -10.000 SPDBRK = 25.000

RUN NO. 44/ 0 RN/L = 1.85 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CHSBUL	CHSBUR	CHSBLR	CHSBLL	CHR	CHEI	CHEO	CHETOT	CHBF
.260	-10.151	.02791	.00903	.06305	.04157	-.00259	.04567	.02089	.06657	-.00949
.260	-8.079	.01383	.02455	.05756	.03593	-.03234	.04749	.02064	.06814	-.00950
.260	-6.100	-.00130	.03779	.05406	.03028	-.06287	.04940	.02075	.07015	-.00641
.260	-4.042	-.00696	.03558	.05302	.02578	-.06978	.05151	.02074	.07225	-.00538
.260	-2.039	-.01062	.03850	.05767	.02545	-.08133	.05334	.02075	.07410	-.00256
.260	-.026	-.01523	.04130	.06260	.02349	-.09565	.05580	.02075	.07655	-.00385
.260	2.006	-.01723	.04339	.06663	.02475	-.10250	.05709	.02102	.07812	-.00615
.260	4.014	-.01556	.04660	.07197	.02669	-.10745	.05859	.02118	.07977	-.00795
.260	6.042	-.01251	.05288	.08081	.03231	-.11390	.05971	.02117	.08088	-.01230
.260	8.060	-.01305	.05971	.08834	.03800	-.12311	.06132	.02131	.08264	-.01309
.260	10.107	-.01357	.06625	.09526	.04350	-.13158	.06211	.02141	.08353	-.01488
	GRADIENT	-.00118	.00134	.00232	.00096	-.00479	.00089	.00006	.00095	-.00043

OA37 B26 C9 F9 M7 W116 E37 V8 R5 (BF2045) (01 JUL 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 INCHES
LREF = 474.8000 INCHES YMRP = .0000 INCHES
BREF = 936.8000 INCHES ZMRP = 375.0000 INCHES
SCALE = .0300

PARAMETRIC DATA

ALPHA = 10.000 BDFLAP = -11.700
ELEVON = .000 AILRON = .000
RUDDER = -10.000 SPDBRK = 25.000

RUN NO. 45/ 0 RN/L = 1.85 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CHSBUL	CHSBUR	CHSBLR	CHSBLL	CHR	CHEI	CHEO	CHETOT	CHBF
.260	-10.145	.02217	.00858	.03927	.02667	.00099	.03004	.00634	.03638	-.01794
.260	-8.112	.00604	.02252	.03595	.02106	-.03137	.03150	.00584	.03735	-.01308
.260	-6.124	.00086	.03419	.04866	.02855	-.05343	.03325	.00522	.03848	-.01052
.260	-4.081	-.00121	.03599	.05388	.02852	-.06256	.03578	.00410	.03988	-.00666
.260	-2.064	-.00417	.03673	.05753	.02671	-.07173	.03752	.00303	.04055	-.00564
.260	.009	-.01009	.04069	.06306	.02591	-.08793	.04005	.00230	.04235	-.00487
.260	2.007	-.01104	.04240	.06838	.02761	-.09422	.04274	.00162	.04437	-.00512
.260	4.015	-.00844	.04691	.07564	.03063	-.10037	.04623	.00185	.04808	-.00949
.260	6.048	-.00695	.05131	.08081	.03208	-.10699	.04938	.00137	.05076	-.01051
.260	8.076	-.00931	.05664	.08632	.03328	-.11900	.05191	.00112	.05304	-.01437
.260	10.103	-.00817	.06362	.09557	.04005	-.12712	.05484	.00092	.05576	-.01950
	GRADIENT	-.00106	.00136	.00268	.00025	-.00485	.00129	-.00029	.00100	-.00025

OA37 B26 C9 F9 M7 W116 E37 V8 R5 (BF2046) (01 JUL 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 INCHES
LREF = 474.8000 INCHES YMRP = .0000 INCHES
BREF = 936.8000 INCHES ZMRP = 375.0000 INCHES
SCALE = .0300

PARAMETRIC DATA

ALPHA = 15.000 BDFLAP = -11.700
ELEVON = .000 AILRON = .000
RUDDER = -10.000 SPDBRK = 25.000

RUN NO. 46/ 0 RN/L = 1.85 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CHSBUL	CHSBUR	CHSBLR	CHSBLL	CHR	CHEI	CHEO	CHETOT	CHBF
.260	-10.134	.01925	.01025	.01437	.02244	.01707	.01465	-.01014	.00450	-.04002
.260	-8.131	.01243	.02303	.03749	.02473	-.02336	.01431	-.01045	.00386	-.03256
.260	-6.123	.00828	.03704	.05399	.03507	-.04766	.01436	-.01207	.00229	-.02486
.260	-4.055	.00276	.03615	.05419	.03000	-.05757	.01638	-.01360	.00277	-.01922
.260	-2.078	-.00208	.03697	.05918	.02646	-.07178	.01935	-.01464	.00470	-.01693
.260	-.030	-.00704	.04037	.06466	.02484	-.08723	.02092	-.01487	.00605	-.01769
.260	2.018	-.00947	.04167	.06015	.02495	-.08635	.02119	-.01554	.00564	-.01871
.260	4.041	-.00547	.04746	.07903	.02979	-.10218	.02497	-.01586	.00910	-.01718
.260	6.054	-.00408	.05335	.08860	.03049	-.11555	.02705	-.01618	.01087	-.01923
.260	8.101	-.00687	.05644	.08808	.02682	-.12458	.02843	-.01679	.01164	-.03284
.260	10.108	-.01157	.05950	.08661	.01576	-.14192	.03215	-.01741	.01473	-.04079
	GRADIENT	-.00117	.00135	.00249	-.00009	-.00511	.00094	-.00027	.00067	.00011

OA37 B26 C9 F9 M7 W116 E37 V8 R5 (BF2047) (01 JUL 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 INCHES
LREF = 474.8000 INCHES YMRP = .0000 INCHES
BREF = 936.8000 INCHES ZMRP = 375.0000 INCHES
SCALE = .0300

PARAMETRIC DATA

ALPHA = 20.000 BDFLAP = -11.700
ELEVON = .000 AILRON = .000
RUDDER = -10.000 SPDBRK = 25.000

RUN NO. 47/ 0 RN/L = 1.85 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CHSBUL	CHSBUR	CHSBLR	CHSBLL	CHR	CHEI	CHEO	CHETOT	CHBF
.260	-10.125	.03012	.00969	.00537	.02981	.04487	-.00843	-.02505	-.03349	-.06826
.260	-8.112	.02620	.02886	.04473	.04215	-.00523	-.01075	-.02284	-.03360	-.06222
.260	-6.099	.01782	.04062	.05554	.03947	-.03887	-.01036	-.02239	-.03275	-.04937
.260	-4.076	.00947	.03897	.05545	.02949	-.05545	-.00866	-.02422	-.03288	-.03991
.260	-2.043	.00404	.04405	.06095	.02514	-.07581	-.00850	-.02740	-.03591	-.04376
.260	-.029	-.00277	.04274	.06979	.02433	-.09098	-.00855	-.03104	-.03960	-.04324
.260	2.029	-.00347	.04704	.08103	.02560	-.10594	-.00614	-.03433	-.04047	-.04045
.260	4.033	-.00147	.05070	.09322	.02514	-.12025	-.00224	-.03707	-.03932	-.03787
.260	6.091	-.00138	.05614	.09685	.02710	-.12728	-.00246	-.04033	-.04280	-.04327
.260	8.114	.00266	.06263	.10559	.03545	-.13010	-.00279	-.04395	-.04675	-.05652
.260	10.137	-.00685	.06427	.10211	.01963	-.15360	-.00450	-.04531	-.04981	-.06656
	GRADIENT	-.00145	.00130	.00471	-.00041	-.00787	.00075	-.00161	-.00086	.00036

OA37 B26 C9 F9 M7 W116 E37 V8 R5 (BF2048) (01 JUL 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 INCHES
LREF = 474.8000 INCHES YMRP = .0000 INCHES
BREF = 936.8000 INCHES ZMRP = 375.0000 INCHES
SCALE = .0300

PARAMETRIC DATA

ALPHA = .000 BDFLAP = -11.700
ELEVON = .000 AILRON = .000
RUDDER = -25.000 SPDBRK = 25.000

RUN NO. 48/ 0 RN/L = 1.85 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CHSBUL	CHSBUR	CHSBLR	CHSBLL	CHR	CHEI	CHEO	CHETOT	CHBF
.260	-10.136	-.02586	.03170	.10322	.01121	-.14958	.04576	.02071	.06647	-.01641
.260	-8.123	-.03025	.05503	.09926	.00224	-.18231	.04725	.02047	.06772	-.01463
.260	-6.110	-.03562	.06568	.10003	-.00017	-.20152	.04942	.02055	.06998	-.01308
.260	-4.086	-.04050	.07099	.10510	-.00017	-.21677	.05132	.02064	.07196	-.01231
.260	-2.069	-.03975	.07517	.11067	-.00196	-.22756	.05362	.02084	.07447	-.01154
.260	-.001	-.03642	.07873	.11643	-.00254	-.23414	.05590	.02089	.07680	-.01052
.260	2.026	-.03352	.08186	.12106	.00195	-.23449	.05706	.02103	.07810	-.01412
.260	4.044	-.02959	.08667	.12770	.00707	-.23690	.05844	.02118	.07962	-.01871
.260	6.072	-.01735	.09521	.13844	.01421	-.23680	.05984	.02131	.08115	-.01975
.260	8.109	-.00812	.10081	.14616	.01942	-.23567	.06112	.02134	.08246	-.02229
.260	10.125	-.00326	.10690	.15270	.02504	-.23783	.06251	.02142	.08393	-.02130
	GRADIENT	.00138	.00187	.00273	.00090	-.00232	.00087	.00006	.00093	-.00075

OA37 B26 C9 F9 M7 W116 E37 V8 R5 (BF2049) (01 JUL 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 INCHES
LREF = 474.8000 INCHES YMRP = .0000 INCHES
BREF = 936.8000 INCHES ZMRP = 375.0000 INCHES
SCALE = .0300

PARAMETRIC DATA

ALPHA = 10.000 BDFLAP = -11.700
ELEVON = .000 AILRON = .000
RUDDER = -25.000 SPDBRK = 25.000

RUN NO. 49/ 0 RN/L = 1.85 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CHSBUL	CHSBUR	CHSBLR	CHSBLL	CHR	CHEI	CHEO	CHETOT	CHBF
.260	-10.130	-.01782	.03292	.10882	.02863	-.13094	.03054	.00668	.03722	-.01923
.260	-8.097	-.02271	.05062	.10421	.01899	-.15854	.03133	.00618	.03752	-.01642
.260	-6.109	-.02553	.06378	.10206	.01045	-.18093	.03332	.00554	.03887	-.01485
.260	-4.066	-.02950	.06464	.10522	.00454	-.19482	.03587	.00427	.04014	-.01103
.260	-2.069	-.03347	.06830	.11039	.00126	-.21090	.03726	.00314	.04040	-.00999
.260	-.011	-.03130	.07103	.11491	-.00063	-.21788	.03961	.00233	.04195	-.01256
.260	2.006	-.02646	.07455	.12205	.00827	-.21480	.04280	.00183	.04464	-.01486
.260	4.054	-.02058	.07964	.13074	.01991	-.21104	.04605	.00172	.04778	-.01591
.260	6.072	-.01392	.08582	.13242	.02256	-.20960	.04906	.00123	.05029	-.01591
.260	8.114	-.01135	.08876	.13961	.02740	-.21233	.05212	.00085	.05298	-.02155
.260	10.136	-.00778	.09565	.14906	.03450	-.21848	.05478	.00070	.05548	-.02668
	GRADIENT	.00123	.00178	.00309	.00186	-.00178	.00128	-.00032	.00096	-.00072

OA37 B26 C9 F9 M7 W116 E37 V8 R5 (BF2050) (01 JUL 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 INCHES
LREF = 474.8000 INCHES YMRP = .0000 INCHES
BREF = 936.8000 INCHES ZMRP = 375.0000 INCHES
SCALE = .0300

PARAMETRIC DATA

ALPHA = 15.000 BDFLAP = -11.700
ELEVON = .000 AILRON = .000
RUDDER = -25.000 SPDBRK = 25.000

RUN NO. 50/ 0 RN/L = 1.85 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CHSBUL	CHSBUR	CHSBLR	CHSBLL	CHR	CHEI	CHEO	CHETOT	CHBF
.260	-10.134	-.01560	.03293	.06730	.00488	-.11095	.01499	-.00989	.00509	-.04256
.260	-8.116	-.01897	.04718	.10129	.01780	-.14965	.01429	-.01056	.00372	-.03662
.260	-6.113	-.02134	.06292	.10137	.01029	-.17535	.01458	-.01180	.00278	-.02769
.260	-4.016	-.02658	.06266	.10522	.00367	-.19079	.01621	-.01337	.00283	-.02357
.260	-2.058	-.03148	.06527	.11033	-.00173	-.20882	.01932	-.01430	.00501	-.02103
.260	-.039	-.03087	.06761	.11515	-.00490	-.21854	.02112	-.01421	.00690	-.02228
.260	2.007	-.02613	.07179	.12380	.00362	-.21811	.02200	-.01473	.00726	-.02282
.260	4.040	-.02210	.07630	.13622	.01470	-.21992	.02554	-.01546	.01008	-.02433
.260	6.067	-.01542	.08353	.14174	.01436	-.22633	.02708	-.01598	.01109	-.02306
.260	8.124	-.01096	.08456	.13676	.01668	-.21560	.02856	-.01643	.01213	-.03617
.260	10.141	-.01205	.08306	.12961	.00299	-.22173	.03248	-.01715	.01533	-.04440
	GRADIENT	.00072	.00168	.00374	.00137	-.00333	.00106	-.00023	.00083	-.00017

OA37 B26 C9 F9 M7 W116 E37 V8 R5 (BF2051) (01 JUL 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 INCHES
LREF = 474.8000 INCHES YMRP = .0000 INCHES
BREF = 936.8000 INCHES ZMRP = 375.0000 INCHES
SCALE = .0300

PARAMETRIC DATA

ALPHA = 20.000 BDFLAP = -11.700
ELEVON = .000 AILRON = .000
RUDDER = -25.000 SPDBRK = 25.000

RUN NO. 51/ 0 RN/L = 1.85 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CHSBUL	CHSBUR	CHSBLR	CHSBLL	CHR	CHEI	CHEO	CHETOT	CHBF
.260	-10.121	-.01015	.03099	.06045	.01107	-.09052	-.00773	-.02489	-.03263	-.07320
.260	-8.112	-.01036	.05386	.10258	.02168	-.14512	-.01003	-.02262	-.03265	-.06471
.260	-6.089	-.01763	.06257	.10292	.00813	-.17499	-.00958	-.02200	-.03158	-.05442
.260	-4.086	-.02436	.06169	.10566	-.00178	-.19349	-.00789	-.02373	-.03162	-.04678
.260	-2.068	-.03082	.06463	.11195	-.00880	-.21622	-.00808	-.02687	-.03496	-.05421
.260	-.005	-.03093	.06874	.12172	-.00990	-.23131	-.00795	-.03056	-.03851	-.05118
.260	2.018	-.02615	.07319	.13644	.00011	-.23568	-.00578	-.03394	-.03972	-.04554
.260	4.052	-.02427	.07536	.14568	.00430	-.24102	-.00205	-.03689	-.03895	-.04244
.260	6.079	-.01640	.08194	.15604	.01487	-.23952	-.00216	-.04026	-.04243	-.04480
.260	8.121	-.00260	.09026	.15741	.02351	-.22676	-.00279	-.04321	-.04600	-.06239
.260	10.160	-.00577	.08658	.14888	.01206	-.22917	-.00381	-.04557	-.04939	-.07147
	GRADIENT	.00024	.00176	.00513	.00103	-.00562	.00069	-.00164	-.00095	.00085

OA37 B26 C9 F9 M7 W116 E37 V8 R5 (BF2052) (01 JUL 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 INCHES
LREF = 474.8000 INCHES YMRP = .0000 INCHES
BREF = 936.8000 INCHES ZMRP = 375.0000 INCHES
SCALE = .0300

PARAMETRIC DATA

ALPHA = .000 BDFLAP = -11.700
ELEVON = .000 AILRON = .000
RUDDER = -10.000 SPDBRK = 55.000

RUN NO. 52/ 0 RN/L = 1.85 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CHSBUL	CHSBUR	CHSBLR	CHSBLL	CHR	CHEI	CHEO	CHETOT	CHBF
.260	-10.128	.05654	.03672	.13021	.11108	.00068	.04508	.02052	.06560	-.02412
.260	-8.119	.05004	.05923	.12488	.09818	-.03589	.04672	.02043	.06715	-.02233
.260	-6.091	.04538	.07833	.11939	.08832	-.06402	.04876	.02048	.06925	-.02026
.260	-4.047	.04151	.07872	.11584	.07897	-.07407	.05097	.02064	.07162	-.01822
.260	-2.064	.03887	.08159	.11852	.07407	-.08717	.05325	.02075	.07401	-.01513
.260	.004	.03692	.08381	.12291	.07041	-.09939	.05567	.02081	.07649	-.01153
.260	2.016	.03515	.08820	.12677	.06905	-.11076	.05708	.02093	.07802	-.01231
.260	4.044	.03848	.09328	.13428	.07083	-.11825	.05831	.02118	.07949	-.01691
.260	6.067	.03418	.09682	.14363	.07580	-.13047	.05950	.02129	.08079	-.01692
.260	8.090	.01922	.09767	.15071	.08314	-.14652	.06096	.02141	.08238	-.02002
.260	10.148	.00565	.09904	.15651	.08627	-.16363	.06220	.02140	.08360	-.01973
	GRADIENT	-.00048	.00176	.00223	-.00105	-.00552	.00091	.00006	.00097	.00027

OA37 B26 C9 F9 M7 W116 E37 V8 R5 (BF2053) (01 JUL 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 INCHES
LREF = 474.8000 INCHES YMRP = .0000 INCHES
BREF = 936.8000 INCHES ZMRP = 375.0000 INCHES
SCALE = .0300

PARAMETRIC DATA

ALPHA = 10.000 BDFLAP = -11.700
ELEVON = .000 AILRON = .000
RUDDER = -10.000 SPDBRK = 55.000

RUN NO. 53/ 0 RN/L = 1.85 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CHSBUL	CHSBUR	CHSBLR	CHSBLL	CHR	CHEI	CHEO	CHETOT	CHBF
.260	-10.131	.04592	.03010	.10022	.09445	.01005	.02918	.00620	.03538	-.03006
.260	-8.118	.04343	.05189	.10148	.08957	-.02037	.03027	.00581	.03609	-.02457
.260	-6.080	.04088	.06745	.11060	.09129	-.04588	.03257	.00518	.03775	-.02257
.260	-4.057	.04077	.07369	.11603	.08621	-.06274	.03492	.00406	.03899	-.01766
.260	-2.049	.04254	.07967	.12308	.08351	-.07669	.03683	.00286	.03969	-.01437
.260	.004	.04016	.08202	.12673	.07829	-.09030	.03915	.00218	.04134	-.01255
.260	2.017	.03779	.08480	.13069	.07606	-.10162	.04217	.00169	.04387	-.01102
.260	4.039	.03701	.08582	.13727	.07518	-.11090	.04590	.00161	.04751	-.01537
.260	6.073	.03283	.08552	.14041	.07242	-.12067	.04873	.00109	.04983	-.01642
.260	8.111	.02237	.08651	.13797	.06452	-.13759	.05170	.00068	.05239	-.02130
.260	10.143	.01570	.09065	.14718	.07255	-.14958	.05443	.00044	.05488	-.02563
	GRADIENT	-.00061	.00145	.00247	-.00148	-.00599	.00135	-.00030	.00105	.00039

OA37 B26 C9 F9 M7 W116 E37 V8 R5 (BF2054) (01 JUL 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 INCHES
LREF = 474.8000 INCHES YMRP = .0000 INCHES
BREF = 936.8000 INCHES ZMRP = 375.0000 INCHES
SCALE = .0300

PARAMETRIC DATA

ALPHA = 15.000 BDFLAP = -11.700
ELEVON = .000 AILRON = .000
RUDDER = -10.000 SPDBRK = 55.000

RUN NO. 54/ 0 RN/L = 1.85 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CHSBUL	CHSBUR	CHSBLR	CHSBLL	CHR	CHEI	CHEO	CHETOT	CHBF
.260	-10.135	.04836	.03411	.08066	.08971	.02329	.01432	-.01004	.00428	-.05172
.260	-8.111	.04836	.05490	.10342	.09755	-.01240	.01348	-.01081	.00267	-.04185
.260	-6.099	.04644	.07210	.11766	.10217	-.04115	.01373	-.01195	.00177	-.03510
.260	-4.051	.04252	.07350	.11690	.09291	-.05496	.01565	-.01346	.00219	-.02693
.260	-2.044	.04123	.07592	.12323	.08534	-.07258	.01892	-.01427	.00464	-.02331
.260	.015	.03785	.07778	.12749	.07805	-.08936	.02093	-.01453	.00640	-.02231
.260	2.023	.03586	.08074	.13382	.07611	-.10258	.02199	-.01485	.00714	-.02176
.260	4.030	.03629	.08359	.14284	.07568	-.11446	.02423	-.01535	.00887	-.02333
.260	6.083	.03578	.08741	.15055	.07730	-.12488	.02707	-.01599	.01108	-.02461
.260	8.117	.02162	.08558	.14220	.05694	-.14921	.02863	-.01634	.01229	-.03590
.260	10.149	.01340	.08644	.13972	.03991	-.17285	.03243	-.01705	.01538	-.04403
	GRADIENT	-.00088	.00124	.00309	-.00216	-.00737	.00100	-.00022	.00078	.00043

OA37 B26 C9 F9 M7 W116 E37 V8 R5 (BF2055) (01 JUL 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 INCHES
LREF = 474.8000 INCHES YMRP = .0000 INCHES
BREF = 936.8000 INCHES ZMRP = 375.0000 INCHES
SCALE = .0300

PARAMETRIC DATA

ALPHA = 20.000 BDFLAP = -11.700
ELEVON = .000 AILRON = .000
RUDDER = -10.000 SPDBRK = 55.000

RUN NO. 55/ 0 RN/L = 1.85 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CHSBUL	CHSBUR	CHSBLR	CHSBLL	CHR	CHEI	CHEO	CHETOT	CHBF
.260	-10.145	.06075	.03396	.07615	.10492	.05555	-.00830	-.02547	-.03377	-.07720
.260	-8.132	.05922	.06271	.11738	.11878	-.00208	-.01107	-.02339	-.03446	-.06955
.260	-6.119	.05568	.07580	.11910	.10792	-.03129	-.01065	-.02262	-.03328	-.05829
.260	-4.056	.04827	.07395	.11426	.09477	-.04516	-.00936	-.02446	-.03383	-.04729
.260	-2.073	.04281	.07235	.12117	.08468	-.06603	-.00900	-.02749	-.03649	-.05097
.260	-.015	.03851	.07357	.12906	.07695	-.08716	-.00887	-.03107	-.03995	-.05190
.260	2.004	.03641	.07577	.14083	.07634	-.10384	-.00664	-.03432	-.04097	-.04665
.260	4.052	.03706	.08005	.15159	.07573	-.11885	-.00326	-.03754	-.04080	-.04761
.260	6.070	.04184	.09064	.16303	.08214	-.12969	-.00313	-.04090	-.04403	-.04613
.260	8.118	.02814	.08789	.16144	.06982	-.15136	-.00360	-.04412	-.04772	-.06308
.260	10.133	.01372	.08706	.15421	.04573	-.18182	-.00492	-.04536	-.05029	-.06925
	GRADIENT	-.00142	.00077	.00465	-.00228	-.00912	.00072	-.00163	-.00091	.00018

OA37 B26 C9 F9 M7 W116 E37 V8 R5 (BF2056) (01 JUL 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 INCHES
LREF = 474.8000 INCHES YMRP = .0000 INCHES
BREF = 936.8000 INCHES ZMRP = 375.0000 INCHES
SCALE = .0300

PARAMETRIC DATA

ALPHA = .000 BDFLAP = -11.700
ELEVON = .000 AILRON = .000
RUDDER = -25.000 SPDBRK = 55.000

RUN NO. 56/ 0 RN/L = 1.85 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CHSBUL	CHSBUR	CHSBLR	CHSBLL	CHR	CHEI	CHEO	CHETOT	CHBF
.260	-10.103	.02325	.05314	.14642	.05482	-.12149	.04714	.02044	.06758	-.02151
.260	-8.114	.01761	.08041	.14131	.04412	-.15999	.04826	.02018	.06844	-.01949
.260	-6.076	.01114	.09361	.14645	.03919	-.18973	.05036	.02042	.07079	-.02078
.260	-4.012	.00833	.10370	.15011	.03822	-.20726	.05253	.02059	.07312	-.01796
.260	-2.055	.00410	.10621	.15378	.03562	-.22027	.05459	.02071	.07530	-.01488
.260	-.057	.00310	.10779	.15738	.03637	-.22570	.05656	.02064	.07721	-.01180
.260	2.000	.00478	.11107	.16594	.03812	-.23410	.05804	.02110	.07914	-.01358
.260	4.022	.01006	.11509	.17169	.04253	-.23418	.05914	.02118	.08033	-.01745
.260	6.070	.00984	.11764	.17815	.04656	-.23937	.06106	.02132	.08238	-.02027
.260	8.067	.00902	.12105	.18335	.05023	-.24515	.06213	.02142	.08355	-.02103
.260	10.099	-.00147	.12278	.18832	.05231	-.26027	.06380	.02155	.08536	-.02155
	GRADIENT	.00021	.00137	.00275	.00056	-.00336	.00083	.00008	.00091	.00011

OA37 B26 C9 F9 M7 W116 E37 V8 R5 (BF2057) (01 JUL 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 INCHES
LREF = 474.8000 INCHES YMRP = .0000 INCHES
BREF = 936.8000 INCHES ZMRP = 375.0000 INCHES
SCALE = .0300

PARAMETRIC DATA

ALPHA = 10.000 BDFLAP = -11.700
ELEVON = .000 AILRON = .000
RUDDER = -25.000 SPDBRK = 55.000

RUN NO. 57/ 0 RN/L = 1.85 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CHSBUL	CHSBUR	CHSBLR	CHSBLL	CHR	CHEI	CHEO	CHETOT	CHBF
.260	-10.121	.01879	.04374	.14609	.05290	-.11813	.03205	.00655	.03860	-.03157
.260	-8.083	.01699	.06630	.14175	.04580	-.14525	.03309	.00606	.03915	-.02460
.260	-6.070	.01856	.08753	.14764	.04850	-.16810	.03498	.00545	.04044	-.02155
.260	-4.088	.01800	.09541	.14999	.04585	-.18154	.03722	.00420	.04142	-.01616
.260	-2.065	.01281	.09866	.15267	.04175	-.19676	.03972	.00306	.04278	-.01333
.260	-.033	.00975	.09926	.15737	.03973	-.20715	.04174	.00244	.04418	-.01358
.260	2.010	.01174	.10243	.16561	.04407	-.21223	.04422	.00212	.04635	-.01539
.260	4.042	.01680	.10547	.16957	.04922	-.20902	.04728	.00174	.04903	-.01694
.260	6.071	.01619	.10782	.17696	.04816	-.22043	.04999	.00150	.05150	-.01975
.260	8.083	.01391	.10977	.18072	.05112	-.22546	.05238	.00098	.05336	-.02053
.260	10.105	.01166	.11516	.18773	.05755	-.23368	.05509	.00085	.05595	-.02822
	GRADIENT	-.00017	.00117	.00256	.00045	-.00346	.00121	-.00029	.00092	-.00018

OA37 B26 C9 F9 M7 W116 E37 V8 R5 (BF2058) (01 JUL 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 INCHES
LREF = 474.8000 INCHES YMRP = .0000 INCHES
BREF = 936.8000 INCHES ZMRP = 375.0000 INCHES
SCALE = .0300

PARAMETRIC DATA

ALPHA = 15.000 BDFLAP = -11.700
ELEVON = .000 AILRON = .000
RUDDER = -25.000 SPDBRK = 55.000

RUN NO. 58/ 0 RN/L = 1.85 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CHSBUL	CHSBUR	CHSBLR	CHSBLL	CHR	CHEI	CHEO	CHETOT	CHBF
.260	-10.130	.02032	.04737	.12537	.04502	-.10739	.01696	-.00978	.00717	-.05127
.260	-8.112	.02161	.06674	.14507	.05023	-.13997	.01581	-.01027	.00553	-.04100
.260	-6.079	.02427	.08824	.14171	.05119	-.15449	.01512	-.01179	.00332	-.03304
.260	-4.047	.01945	.09177	.14982	.04534	-.17680	.01690	-.01318	.00371	-.02690
.260	-2.352	.01272	.09256	.15117	.03983	-.19118	.02042	-.01412	.00630	-.02408
.260	-2.075	.00881	.09311	.15794	.03729	-.20495	.02392	-.01418	.00973	-.02411
.260	-.007	.01045	.09585	.16624	.04012	-.21152	.02455	-.01445	.01010	-.02335
.260	2.016	.01526	.10004	.17534	.04590	-.21422	.02726	-.01538	.01188	-.02356
.260	4.028	.01998	.10683	.18231	.04740	-.22175	.02834	-.01588	.01245	-.02590
.260	6.051	.01433	.10362	.18151	.04085	-.22994	.02955	-.01631	.01323	-.03489
.260	8.084	.00906	.09871	.17780	.02704	-.24039	.03392	-.01684	.01707	-.04617
	GRADIENT	.00043	.00186	.00431	.00072	-.00503	.00133	-.00031	.00101	.00008

OA37 B26 C9 F9 M7 W116 E37 V8 R5 (BF2059) (01 JUL 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 INCHES
LREF = 474.8000 INCHES YMRP = .0000 INCHES
BREF = 936.8000 INCHES ZMRP = 375.0000 INCHES
SCALE = .0300

PARAMETRIC DATA

ALPHA = 20.000 BDFLAP = -11.700
ELEVON = .000 AILRON = .000
RUDDER = -25.000 SPDBRK = 55.000

RUN NO. 59/ 0 RN/L = 1.85 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CHSBUL	CHSBUR	CHSBLR	CHSBLL	CHR	CHEI	CHEO	CHETOT	CHBF
.260	-10.112	.03031	.04914	.12425	.05874	-.08433	-.00784	-.02381	-.03165	-.07366
.260	-8.098	.02974	.07490	.14572	.05942	-.13146	-.01022	-.02170	-.03193	-.06802
.260	-6.080	.02290	.08680	.14334	.04825	-.15899	-.01011	-.02164	-.03175	-.05576
.260	-4.033	.01779	.08800	.14620	.04128	-.17513	-.00781	-.02349	-.03131	-.04607
.260	-2.030	.01080	.08823	.14987	.03395	-.19334	-.00852	-.02652	-.03504	-.05140
.260	-.012	.00715	.08872	.15933	.03260	-.20830	-.00836	-.03001	-.03837	-.04913
.260	2.031	.00827	.09131	.17616	.03840	-.22080	-.00507	-.03332	-.03840	-.04581
.260	4.045	.01339	.09526	.18103	.04023	-.22267	-.00205	-.03631	-.03837	-.04196
.260	6.068	.02276	.10584	.19183	.04893	-.22598	-.00148	-.03943	-.04091	-.04558
.260	8.110	.02521	.11053	.19492	.05334	-.22690	-.00233	-.04272	-.04505	-.06016
.260	10.123	.01586	.10141	.18833	.03669	-.23718	-.00389	-.04536	-.04925	-.06862
	GRADIENT	-.00056	.00087	.00475	.00012	-.00606	.00074	-.00160	-.00086	.00069

OA37 B26 C9 F9 M7 W116 E37 V8 R5 (BF2060) (01 JUL 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 INCHES
LREF = 474.8000 INCHES YMRP = .0000 INCHES
BREF = 936.8000 INCHES ZMRP = 375.0000 INCHES
SCALE = .0300

PARAMETRIC DATA

ALPHA = .000 BDFLAP = -11.700
ELEVON = .000 AILRON = .000
RUDDER = -10.000 SPDBRK = 85.000

RUN NO. 60/ 0 RN/L = 1.85 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CHSBUL	CHSBUR	CHSBLR	CHSBLL	CHR	CHEI	CHEO	CHETOT	CHBF
.260	-10.114	.08862	.05080	.16595	.14881	.02067	.04530	.02049	.06580	-.03641
.260	-8.095	.08878	.08132	.16427	.14227	-.01454	.04677	.02032	.06710	-.03408
.260	-6.082	.08515	.10084	.16444	.13497	-.04515	.04819	.02048	.06867	-.02870
.260	-3.998	.08232	.11161	.16326	.12843	-.06412	.05006	.02065	.07071	-.02920
.260	-2.065	.07846	.11352	.16425	.12059	-.07873	.05133	.02078	.07212	-.02562
.260	-.023	.07500	.11359	.16655	.11570	-.08944	.05337	.02101	.07439	-.02180
.260	2.020	.07293	.11455	.16970	.11261	-.09870	.05544	.02122	.07666	-.02053
.260	4.022	.07944	.11894	.17789	.11322	-.10416	.06040	.02138	.08178	-.02283
.260	6.061	.06675	.11695	.18323	.11485	-.11858	.06096	.02148	.08244	-.02746
.260	8.084	.04532	.11765	.19203	.11832	-.14605	.06101	.02153	.08255	-.02869
.260	10.122	.02935	.11923	.19544	.11942	-.16589	.06209	.02163	.08372	-.02821
	GRADIENT	-.00056	.00078	.00173	-.00190	-.00497	.00123	.00009	.00133	.00088

OA37 B26 C9 F9 M7 W116 E37 V8 R5 (BF2061) (01 JUL 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 INCHES
LREF = 474.8000 INCHES YMRP = .0000 INCHES
BREF = 936.8000 INCHES ZMRP = 375.0000 INCHES
SCALE = .0300

PARAMETRIC DATA

ALPHA = 10.000 BDFLAP = -11.700
ELEVON = .000 AILRON = .000
RUDDER = -10.000 SPDBRK = 85.000

RUN NO. 61/ 0 RN/L = 1.85 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CHSBUL	CHSBUR	CHSBLR	CHSBLL	CHR	CHEI	CHEO	CHETOT	CHBF
.260	-10.126	.07926	.04946	.15609	.15331	.02701	.02705	.00679	.03385	-.04108
.260	-8.049	.07916	.07323	.15592	.14366	-.00632	.02744	.00637	.03382	-.03486
.260	-6.081	.07914	.09406	.15906	.13902	-.03495	.02917	.00574	.03492	-.03182
.260	-4.023	.07780	.10488	.16063	.13309	-.05462	.03098	.00450	.03549	-.02664
.260	-2.045	.07935	.10931	.16872	.13028	-.06839	.03257	.00332	.03589	-.02511
.260	.003	.07894	.11165	.17240	.12640	-.07871	.03484	.00269	.03753	-.01794
.260	2.030	.07684	.11360	.17620	.12235	-.09061	.03755	.00210	.03966	-.01948
.260	4.053	.08197	.11637	.18375	.12027	-.09786	.04241	.00213	.04454	-.02256
.260	6.077	.07785	.11430	.19036	.11933	-.10748	.04583	.00172	.04756	-.02642
.260	8.090	.05769	.10819	.18829	.11172	-.12705	.04810	.00137	.04948	-.02589
.260	10.107	.03849	.10580	.19040	.11190	-.14581	.05056	.00123	.05179	-.03259
	GRADIENT	.00029	.00135	.00265	-.00166	-.00537	.00138	-.00029	.00108	.00068

OA37 B26 C9 F9 M7 W116 E37 V8 R5 (BF2062) (01 JUL 74)

REFERENCE DATA

SREF = 2690.0000 Sq.FT. XMRP = 1076.7000 INCHES
LREF = 474.8000 INCHES YMRP = .0000 INCHES
BREF = 936.8000 INCHES ZMRP = 375.0000 INCHES
SCALE = .0300

PARAMETRIC DATA

ALPHA = 15.000 BDFLAP = -11.700
ELEVON = .000 AILRON = .000
RUDDER = -10.000 SPDBRK = 85.000

RUN NO. 62/ 0 RN/L = 1.85 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CHSBUL	CHSBUR	CHSBLR	CHSBLL	CHR	CHEI	CHEO	CHETOT	CHBF
.260	-10.119	.08255	.05309	.14196	.14625	.03375	.01276	-.00936	.00340	-.05977
.260	-8.032	.08524	.07734	.16150	.15208	-.00151	.01263	-.00990	.00273	-.04995
.260	-6.069	.08662	.10237	.17307	.15226	-.03655	.01338	-.01071	.00266	-.04228
.260	-4.041	.08174	.10543	.16449	.14140	-.04677	.01452	-.01261	.00191	-.03767
.260	-2.054	.08157	.10892	.17191	.13644	-.06282	.01787	-.01343	.00444	-.03278
.260	-.006	.07952	.10994	.17546	.13020	-.07567	.01956	-.01364	.00592	-.03175
.260	2.027	.07797	.11205	.18255	.12593	-.09069	.02055	-.01402	.00653	-.03129
.260	4.054	.08324	.11558	.19179	.12432	-.09980	.02410	-.01487	.00923	-.03152
.260	6.077	.08568	.11883	.19989	.12585	-.10719	.02621	-.01549	.01072	-.03207
.260	8.085	.06165	.10878	.19302	.11107	-.12908	.02744	-.01586	.01158	-.03921
.260	10.128	.03935	.10516	.18480	.08619	-.16442	.03149	-.01644	.01504	-.05050
	GRADIENT	-.00003	.00116	.00322	-.00220	-.00661	.00108	-.00025	.00082	.00068

OA37 B26 C9 F9 M7 W116 E37 V8 R5 (BF2063) (01 JUL 74)

REFERENCE DATA

SREF = 2690.0000 Sq.FT. XMRP = 1076.7000 INCHES
LREF = 474.8000 INCHES YMRP = .0000 INCHES
BREF = 936.8000 INCHES ZMRP = 375.0000 INCHES
SCALE = .0300

PARAMETRIC DATA

ALPHA = 20.000 BDFLAP = -11.700
ELEVON = .000 AILRON = .000
RUDDER = -10.000 SPDBRK = 85.000

RUN NO. 63/ 0 RN/L = 1.85 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CHSBUL	CHSBUR	CHSBLR	CHSBLL	CHR	CHEI	CHEO	CHETOT	CHBF
.260	-10.092	.09295	.05509	.14405	.16437	.05817	-.00790	-.02421	-.03212	-.08148
.260	-8.078	.09563	.08623	.17415	.17040	.00564	-.01104	-.02243	-.03348	-.07930
.260	-6.065	.09352	.10751	.17490	.16416	-.02473	-.01119	-.02193	-.03304	-.06244
.260	-4.012	.08655	.10790	.17350	.15583	-.03921	-.01001	-.02372	-.03373	-.05606
.260	-2.039	.08273	.10749	.17728	.14491	-.05712	-.01027	-.02689	-.03716	-.05945
.260	.009	.07790	.10613	.17822	.13398	-.07247	-.01062	-.03037	-.04100	-.05996
.260	2.027	.07497	.10872	.19288	.13039	-.09624	-.00754	-.03336	-.04090	-.05683
.260	4.040	.08259	.11189	.19934	.12746	-.10117	-.00403	-.03658	-.04061	-.05456
.260	6.068	.09014	.12289	.21468	.13446	-.11296	-.00397	-.03992	-.04390	-.05555
.260	8.082	.07156	.11571	.21293	.12206	-.13502	-.00466	-.04289	-.04756	-.06425
.260	10.125	.04130	.10589	.20257	.09697	-.17020	-.00557	-.04460	-.05017	-.07453
	GRADIENT	-.00076	.00046	.00334	-.00353	-.00808	.00073	-.00160	-.00087	.00033

OA37 B26 C9 F9 M7 W116 E37 V8 R5 (BF2064) (01 JUL 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 INCHES
LREF = 474.8000 INCHES YMRP = .0000 INCHES
BREF = 936.8000 INCHES ZMRP = 375.0000 INCHES
SCALE = .0300

PARAMETRIC DATA

ALPHA = .000 BDFLAP = -11.700
ELEVON = .000 AILRON = .000
RUDDER = -10.000 SPDBRK = .000

RUN NO. 64/ 0 RN/L = 1.85 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CHSBUL	CHSBUR	CHSBLR	CHSBLL	CHR	CHEI	CHEO	CHETOT	CHBF
.260	-10.125	.01348	.01946	.03950	.01623	-.02925	.04551	.02076	.06628	-.00872
.260	-8.098	.00661	.02499	.03433	.01330	-.03941	.04721	.02055	.06777	-.00821
.260	-6.090	-.00599	.02202	.02975	.00966	-.04811	.04898	.02054	.06953	-.00615
.260	-4.032	-.01018	.01828	.03046	.00852	-.05042	.05089	.02061	.07151	-.00487
.260	-2.060	-.01209	.02007	.03214	.00662	-.05769	.05311	.02070	.07382	-.00333
.260	-.032	-.01230	.02084	.03210	.00023	-.06501	.05531	.02069	.07601	-.00384
.260	1.990	-.00992	.02363	.03298	-.00057	-.06711	.05648	.02083	.07731	-.00513
.260	4.008	-.00703	.02752	.03533	.00034	-.06955	.05752	.02096	.07849	-.00743
.260	6.041	-.00665	.03421	.03661	-.00051	-.07800	.05874	.02104	.07978	-.01231
.260	8.049	-.01105	.04006	.03730	-.00335	-.09178	.06000	.02112	.08113	-.01463
.260	10.091	-.01647	.04234	.03738	-.00328	-.09949	.06111	.02122	.08233	-.01564
	GRADIENT	.00042	.00110	.00053	-.00117	-.00237	.00083	.00004	.00087	-.00035

OA37 B26 C9 F9 M7 W116 E37 V8 R5 (BF2065) (01 JUL 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 INCHES
LREF = 474.8000 INCHES YMRP = .0000 INCHES
BREF = 936.8000 INCHES ZMRP = 375.0000 INCHES
SCALE = .0300

PARAMETRIC DATA

ALPHA = 10.000 BDFLAP = -11.700
ELEVON = .000 AILRON = .000
RUDDER = -10.000 SPDBRK = .000

RUN NO. 65/ 0 RN/L = 1.85 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CHSBUL	CHSBUR	CHSBLR	CHSBLL	CHR	CHEI	CHEO	CHETOT	CHBF
.260	-10.109	.01659	.02555	.01421	-.00184	-.02503	.02882	.00645	.03527	-.01694
.260	-8.101	.00703	.02578	.01498	-.00386	-.03760	.02993	.00571	.03565	-.01435
.260	-6.059	-.00300	.02298	.02147	.00109	-.04636	.03154	.00517	.03672	-.00924
.260	-4.038	-.00752	.01861	.02447	.00224	-.04836	.03390	.00412	.03803	-.00666
.260	-2.059	-.00948	.01872	.02922	.00310	-.05433	.03556	.00281	.03837	-.00718
.260	-.007	-.01230	.01852	.03374	.00120	-.06337	.03776	.00210	.03987	-.00333
.260	1.986	-.01017	.02160	.03577	.00120	-.06635	.04054	.00191	.04245	-.00744
.260	4.009	-.00608	.02671	.03575	.00126	-.06729	.04399	.00141	.04540	-.00718
.260	6.027	-.00304	.03503	.03518	.00057	-.07268	.04674	.00115	.04790	-.00847
.260	8.069	-.00409	.04471	.03169	.00109	-.07940	.04953	.00084	.05037	-.01565
.260	10.082	-.00856	.05030	.03316	-.00063	-.09266	.05214	.00044	.05259	-.01898
	GRADIENT	.00011	.00095	.00145	-.00019	-.00248	.00125	-.00031	.00094	-.00006

OA37 B26 C9 F9 M7 W116 E37 V8 R5 (BF2066) (01 JUL 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 INCHES
LREF = 474.8000 INCHES YMRP = .0000 INCHES
BREF = 936.8000 INCHES ZMRP = 375.0000 INCHES
SCALE = .0300

PARAMETRIC DATA

ALPHA = 15.000 BDFLAP = -11.700
ELEVON = .000 AILRON = .000
RUDDER = -10.000 SPDBRK = .000

RUN NO. 66/ 0 RN/L = 1.85 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CHSBUL	CHSBUR	CHSBLR	CHSBLL	CHR	CHEI	CHEO	CHETOT	CHBF
.260	-10.092	.01554	.02720	.00370	-.00317	-.01854	.01369	-.01025	.00343	-.03514
.260	-8.100	.00976	.02507	.01702	-.00358	-.03592	.01293	-.01093	.00200	-.02695
.260	-6.113	.00004	.02377	.02329	.00224	-.04477	.01338	-.01224	.00113	-.01999
.260	-4.035	-.00552	.01831	.02465	.00212	-.04636	.01495	-.01389	.00105	-.02257
.260	-2.073	-.00674	.01932	.03128	.00310	-.05424	.01787	-.01503	.00284	-.01590
.260	-.065	-.01068	.01925	.03483	.00000	-.06478	.01971	-.01501	.00469	-.01409
.260	1.997	-.00817	.02313	.03617	-.00115	-.06865	.02028	-.01540	.00487	-.02360
.260	4.000	-.00538	.02701	.03905	-.00046	-.07192	.02351	-.01609	.00742	-.01897
.260	6.033	-.00474	.03501	.04324	-.00161	-.08461	.02523	-.01647	.00875	-.02334
.260	8.045	-.00482	.04574	.03428	.00040	-.08444	.02725	-.01678	.01046	-.02716
.260	10.107	-.00100	.05237	.03415	-.00410	-.09164	.03073	-.01767	.01305	-.03952
	GRADIENT	-.00005	.00106	.00167	-.00047	-.00325	.00097	-.00024	.00073	-.00003

OA37 B26 C9 F9 M7 W116 E37 V8 R5 (BF2067) (01 JUL 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 INCHES
LREF = 474.8000 INCHES YMRP = .0000 INCHES
BREF = 936.8000 INCHES ZMRP = 375.0000 INCHES
SCALE = .0300

PARAMETRIC DATA

ALPHA = 20.000 BDFLAP = -11.700
ELEVON = .000 AILRON = .000
RUDDER = -10.000 SPDBRK = .000

RUN NO. 67/ 0 RN/L = 1.85 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CHSBUL	CHSBUR	CHSBLR	CHSBLL	CHR	CHEI	CHEO	CHETOT	CHBF
.260	-10.079	.01678	.02013	-.00354	-.00391	-.00371	-.00786	-.02390	-.03177	-.06623
.260	-8.077	.00861	.02228	.01545	.00263	-.02649	-.00987	-.02204	-.03191	-.05577
.260	-6.054	.00008	.02219	.02094	.00246	-.04057	-.00951	-.02196	-.03147	-.04578
.260	-4.042	-.00546	.01830	.02721	.00315	-.04783	-.00844	-.02402	-.03247	-.03837
.260	-2.034	-.00615	.01965	.03135	.00040	-.05676	-.00844	-.02718	-.03562	-.04041
.260	-.026	-.00997	.02097	.03327	-.00305	-.06727	-.00822	-.03074	-.03897	-.04094
.260	2.027	-.00751	.02606	.03760	-.00386	-.07504	-.00655	-.03433	-.04089	-.03866
.260	4.041	-.00533	.02989	.05109	-.00224	-.08858	-.00246	-.03688	-.03934	-.03685
.260	6.054	-.00708	.03679	.04784	-.00841	-.10013	-.00214	-.04009	-.04223	-.04073
.260	8.077	-.00889	.04435	.04571	-.00259	-.10155	-.00290	-.04315	-.04606	-.05297
.260	10.125	-.00295	.04873	.03861	-.00444	-.09475	-.00475	-.04674	-.05149	-.06230
	GRADIENT	-.00005	.00146	.00267	-.00074	-.00493	.00069	-.00163	-.00094	.00024

OA37 B26 C9 F9 M7 W116 E37 V8 R5 (BF2068) (01 JUL 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 INCHES
LREF = 474.8000 INCHES YMRP = .0000 INCHES
BREF = 936.8000 INCHES ZMRP = 375.0000 INCHES
SCALE = .0300

PARAMETRIC DATA

ALPHA = .000 BDFLAP = -11.700
ELEVON = .000 AILRON = .000
RUDDER = .000 SPDBRK = .000

RUN NO. 68/ 0 RN/L = 1.85 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CHSBUL	CHSBUR	CHSBLR	CHSBLL	CHR	CHEI	CHEO	CHETOT	CHBF
.260	-10.089	.02770	-.00657	.00792	.02522	.05157	.04497	.02065	.06563	-.00975
.260	-8.111	.02731	.00771	.01112	.02452	.03299	.04699	.02048	.06748	-.00693
.260	-6.063	.02472	.01631	.01124	.02194	.01910	.04883	.02040	.06923	-.00590
.260	-4.015	.02255	.01358	.01224	.02141	.01813	.05062	.02048	.07110	-.00179
.260	-2.058	.01916	.01344	.01206	.01938	.01303	.05278	.02061	.07339	-.00128
.260	-.025	.01577	.01635	.01247	.01750	.00444	.05524	.02068	.07592	.00025
.260	2.012	.01268	.01943	.01497	.01971	-.00201	.05646	.02070	.07717	.00051
.260	4.035	.01270	.02052	.01725	.02032	-.00474	.05767	.02077	.07844	-.00179
.260	6.048	.01206	.02543	.01574	.01687	-.01224	.05891	.02087	.07978	-.00256
.260	8.076	.00410	.02880	.01770	.01554	-.02685	.05998	.02093	.08092	-.00744
.260	10.103	-.01121	.02698	.01695	.01323	-.04192	.06112	.02104	.08216	-.00589
	GRADIENT	-.00130	.00099	.00064	-.00009	-.00301	.00088	.00003	.00091	.00009

OA37 B26 C9 F9 M7 W116 E37 V8 R5 (BF2069) (01 JUL 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 INCHES
LREF = 474.8000 INCHES YMRP = .0000 INCHES
BREF = 936.8000 INCHES ZMRP = 375.0000 INCHES
SCALE = .0300

PARAMETRIC DATA

ALPHA = 10.000 BDFLAP = -11.700
ELEVON = .000 AILRON = .000
RUDDER = .000 SPDBRK = .000

RUN NO. 69/ 0 RN/L = 1.85 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CHSBUL	CHSBUR	CHSBLR	CHSBLL	CHR	CHEI	CHEO	CHETOT	CHBF
.260	-10.121	.03444	.00551	.00185	.01305	.04013	.02962	.00623	.03585	-.01410
.260	-8.064	.02891	.01131	.00584	.01215	.02390	.03063	.00561	.03644	-.00975
.260	-6.061	.02542	.01624	.01044	.01530	.01403	.03303	.00504	.03807	-.00666
.260	-4.034	.02230	.01307	.01231	.01762	.01455	.03492	.00402	.03894	-.00616
.260	-2.037	.02068	.01278	.01234	.01810	.01386	.03656	.00280	.03937	-.00230
.260	-.029	.01598	.01490	.01230	.01658	.00535	.03864	.00195	.04059	-.00128
.260	2.024	.01148	.01778	.01409	.01760	-.00278	.04088	.00148	.04237	-.00051
.260	4.032	.01205	.02130	.01359	.01491	-.00793	.04458	.00130	.04589	-.00333
.260	6.069	.01165	.02492	.01235	.00983	-.01578	.04762	.00091	.04853	-.00641
.260	8.082	.00574	.02986	.01231	.00863	-.02778	.05023	.00032	.05055	-.00616
.260	10.114	-.00173	.03104	.01318	.00833	-.03763	.05362	.00012	.05375	-.01076
	GRADIENT	-.00148	.00106	.00021	-.00029	-.00305	.00117	-.00033	.00084	.00037

OA37 B26 C9 F9 M7 W116 E37 V8 R5 (BF2070) (01 JUL 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 INCHES
LREF = 474.8000 INCHES YMRP = .0000 INCHES
BREF = 936.8000 INCHES ZMRP = 375.0000 INCHES
SCALE = .0300

PARAMETRIC DATA

ALPHA = 15.000 BDFLAP = -11.700
ELEVON = .000 AILRON = .000
RUDDER = .000 SPDBRK = .000

RUN NO. 70/ 0 RN/L = 1.85 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CHSBUL	CHSBUR	CHSBLR	CHSBLL	CHR	CHEI	CHEO	CHETOT	CHBF
.260	-10.099	.03481	.00718	-.00183	.01208	.04154	.01429	-.01014	.00415	-.03695
.260	-8.072	.03015	.01028	.00667	.01230	.02549	.01313	-.01090	.00222	-.03100
.260	-6.075	.02541	.01416	.00989	.01658	.01794	.01244	-.01219	.00025	-.02105
.260	-4.008	.02252	.01212	.01240	.01787	.01587	.01349	-.01382	-.00033	-.01461
.260	-2.050	.02146	.01283	.01252	.01852	.01463	.01730	-.01486	.00243	-.01744
.260	-.023	.01743	.01584	.01268	.01598	.00488	.01985	-.01502	.00483	-.01051
.260	2.015	.01300	.01875	.01674	.01945	-.00304	.02110	-.01519	.00591	-.01411
.260	4.037	.01018	.02057	.01481	.01489	-.01031	.02403	-.01592	.00811	-.01461
.260	6.060	.00946	.02428	.01539	.00938	-.02083	.02627	-.01632	.00995	-.01642
.260	8.073	.00470	.03000	.01426	.00839	-.03116	.02741	-.01689	.01051	-.02385
.260	10.105	-.00130	.03023	.01048	-.00051	-.04255	.03115	-.01767	.01347	-.03305
	GRADIENT	-.00165	.00113	.00045	-.00025	-.00348	.00123	-.00022	.00101	.00017

OA37 B26 C9 F9 M7 W116 E37 V8 R5 (BF2071) (01 JUL 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 INCHES
LREF = 474.8000 INCHES YMRP = .0000 INCHES
BREF = 936.8000 INCHES ZMRP = 375.0000 INCHES
SCALE = .0300

PARAMETRIC DATA

ALPHA = 20.000 BDFLAP = -11.700
ELEVON = .000 AILRON = .000
RUDDER = .000 SPDBRK = .000

RUN NO. 71/ 0 RN/L = 1.85 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CHSBUL	CHSBUR	CHSBLR	CHSBLL	CHR	CHEI	CHEO	CHETOT	CHBF
.260	-10.121	.03136	.00122	-.00877	.01971	.05862	-.00744	-.02460	-.03204	-.06791
.260	-8.114	.02951	.00606	.00386	.02092	.04050	-.01008	-.02264	-.03272	-.05904
.260	-6.102	.02522	.00826	.00476	.02136	.03355	-.01043	-.02257	-.03300	-.04738
.260	-4.034	.02265	.01009	.00739	.01991	.02508	-.00866	-.02436	-.03303	-.03710
.260	-2.061	.02139	.01170	.00800	.01784	.01952	-.00836	-.02762	-.03598	-.04169
.260	-.058	.01693	.01543	.01148	.01837	.00838	-.00823	-.03134	-.03957	-.03891
.260	1.996	.01283	.01930	.01467	.02151	.00036	-.00636	-.03481	-.04117	-.03709
.260	4.009	.00966	.01924	.01469	.01597	-.00930	-.00332	-.03763	-.04095	-.03483
.260	6.043	.00495	.02338	.01893	.01176	-.02559	-.00293	-.04082	-.04376	-.04120
.260	8.075	-.00034	.02517	.01504	.00885	-.03171	-.00359	-.04410	-.04770	-.05307
.260	10.093	-.00390	.02851	.01042	.00425	-.03859	-.00452	-.04622	-.05075	-.06094
	GRADIENT	-.00182	.00129	.00106	-.00021	-.00437	.00063	-.00167	-.00104	.00048

OA37 B26 C9 F9 H7 W116 E37 V18 R5 (BF2072) (01 JUL 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 INCHES
LREF = 474.8000 INCHES YMRP = .0000 INCHES
BREF = 936.8000 INCHES ZMRP = 375.0000 INCHES
SCALE = .0300

PARAMETRIC DATA

BETA = .000 BDFLAP = -11.700
ELEVON = .000 AILRON = .000
RUDDER = .000 SPDBRK = .000

RUN NO. 72/ 0 RN/L = 1.85 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CHSBUL	CHSBUR	CHSBLR	CHSBLL	CHR	CHEI	CHEO	CHETOT	CHBF
.260	-4.153	-.01313	-.01450	-.02072	-.01027	.01182	.05518	.02358	.07877	-.00051
.260	-2.090	-.01306	-.01434	-.02003	-.01069	.01061	.05525	.02193	.07719	-.00256
.260	-1.053	-.01292	-.01419	-.02007	-.01086	.01048	.05535	.02135	.07670	.00000
.260	-.012	-.01302	-.01425	-.01998	-.01092	.01028	.05515	.02088	.07603	-.00077
.260	.984	-.01290	-.01404	-.02000	-.01117	.00996	.05548	.02108	.07656	.00128
.260	2.036	-.01282	-.01395	-.02000	-.01119	.00993	.05610	.02048	.07658	-.00025
.260	4.101	-.01263	-.01380	-.01965	-.01093	.00988	.05503	.01762	.07265	.00102
.260	6.136	-.01268	-.01451	-.02196	-.01213	.01146	.05131	.01337	.06468	.00102
.260	8.211	-.01234	-.01323	-.02005	-.01108	.00985	.04637	.00817	.05454	-.00076
.260	10.270	-.01210	-.01316	-.02064	-.01156	.01013	.03853	.00212	.04065	-.00154
.260	12.331	-.01192	-.01297	-.02102	-.01190	.01016	.03167	-.00265	.02902	-.00667
.260	14.390	-.01170	-.01256	-.02191	-.01196	.01080	.02404	-.00996	.01407	-.00975
.260	16.460	-.01134	-.01200	-.02154	-.01211	.01008	.01679	-.01954	-.00275	-.01845
.260	18.527	-.01121	-.01186	-.02093	-.01217	.00941	.00469	-.02610	-.02140	-.02973
.260	20.605	-.01059	-.01117	-.02057	-.01215	.00900	-.00760	-.03249	-.04009	-.03763
.260	22.651	-.00999	-.01063	-.02042	-.01188	.00919	-.01719	-.03539	-.05258	-.04868
.260	24.722	-.00928	-.01003	-.02139	-.01163	.01051	-.03866	-.04399	-.08266	-.05655
.260	26.765	-.00799	-.00869	-.02143	-.01182	.01030	-.05604	-.05124	-.10729	-.06527
.260	28.777	-.00639	-.00788	-.02369	-.01325	.01192	-.05940	-.04988	-.10928	-.07470
.260	30.724	-.00401	-.00665	-.02982	-.01781	.01465	-.04824	-.03500	-.08325	-.06540
	GRADIENT	.00006	.00009	.00010	-.00000	-.00022	-.00103	-.00062	-.00060	.00028

OA37 B26 C9 F9 M7 W116 E37 V18 R5 (BF2073) (01 JUL 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 INCHES
LREF = 474.8000 INCHES YMRP = .0000 INCHES
BREF = 936.8000 INCHES ZMRP = 375.0000 INCHES
SCALE = .0300

PARAMETRIC DATA

ALPHA = .000 BDFLAP = -11.700
ELEVON = .000 AILRON = .000
RUDDER = .000 SPDBRK = .000

RUN NO. 73/ 0 RN/L = 1.85 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CHSBUL	CHSBUR	CHSBLR	CHSBLL	CHR	CHEI	CHEO	CHETOT	CHBF
.260	-10.124	.00613	-.01819	-.01863	-.00462	.03834	.04555	.02061	.06617	-.00873
.260	-8.102	-.00047	-.01606	-.01223	-.00387	.02394	.04799	.02122	.06921	-.00667
.260	-6.094	-.00578	-.01632	-.02335	-.00878	.02511	.04906	.02038	.06944	-.00487
.260	-4.046	-.00987	-.01668	-.02518	-.01241	.01957	.05093	.02037	.07131	-.00230
.260	-2.048	-.01174	-.01617	-.02317	-.01235	.01525	.05334	.02048	.07382	.00051
.260	-.040	-.01228	-.01470	-.02259	-.01225	.01276	.05594	.02060	.07655	.00307
.260	1.987	-.01504	-.01482	-.02301	-.01322	.00955	.05691	.02059	.07751	.00128
.260	4.010	-.01483	-.01265	-.02096	-.01455	.00421	.05832	.02080	.07913	-.00076
.260	6.043	-.01426	-.01015	-.02423	-.01553	.00458	.05926	.02066	.07993	-.00513
.260	8.046	-.01650	-.00394	-.01224	-.01248	-.01280	.06045	.02103	.08148	-.00744
.260	10.089	-.01844	.00521	-.00316	-.01004	-.03054	.06173	.02103	.08277	-.00513
	GRADIENT	-.00066	.00047	.00043	-.00026	-.00181	.00091	.00005	.00096	.00019

OA37 B26 C9 F9 M7 W116 E37 V18 R5 (BF2074) (01 JUL 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 INCHES
LREF = 474.8000 INCHES YMRP = .0000 INCHES
BREF = 936.8000 INCHES ZMRP = 375.0000 INCHES
SCALE = .0300

PARAMETRIC DATA

ALPHA = 10.000 BDFLAP = -11.700
ELEVON = .000 AILRON = .000
RUDDER = .000 SPDBRK = .000

RUN NO. 74/ 0 RN/L = 1.85 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CHSBUL	CHSBUR	CHSBLR	CHSBLL	CHR	CHEI	CHEO	CHETOT	CHBF
.260	-10.127	.00436	-.01785	-.01850	-.00635	.03437	.02908	.00622	.03530	-.01718
.260	-8.109	-.00043	-.01496	-.01540	-.00704	.02288	.03057	.00567	.03625	-.01180
.260	-6.101	-.00447	-.01328	-.01356	-.00692	.01543	.03252	.00519	.03772	-.00641
.260	-4.029	-.00830	-.01473	-.01934	-.00998	.01577	.03438	.00396	.03834	-.00359
.260	-2.066	-.01066	-.01528	-.01957	-.01161	.01258	.03580	.00300	.03881	-.00179
.260	-.039	-.01043	-.01341	-.02050	-.01247	.01101	.03804	.00209	.04013	-.00025
.260	1.994	-.01306	-.01334	-.01980	-.01248	.00760	.04066	.00174	.04240	-.00025
.260	4.006	-.01339	-.01142	-.01750	-.01264	.00288	.04392	.00139	.04531	-.00205
.260	6.040	-.01206	-.00780	-.01252	-.01219	-.00393	.04710	.00108	.04818	-.00462
.260	8.057	-.01344	-.00258	-.00855	-.01206	-.01436	.04961	.00060	.05021	-.00718
.260	10.090	-.01728	.00337	-.00261	-.01178	-.02983	.05258	.00036	.05294	-.01360
	GRADIENT	-.00062	.00043	.00017	-.00031	-.00153	.00119	-.00032	.00087	.00023

OA37 B26 C9 F9 M7 W116 E37 V18 R5 (BF2075) (01 JUL 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 INCHES
LREF = 474.6000 INCHES YMRP = .0000 INCHES
BREF = 936.8000 INCHES ZMRP = 375.0000 INCHES
SCALE = .0300

PARAMETRIC DATA

ALPHA = 15.000 BDFLAP = -11.700
ELEVON = .000 AILRON = .000
RUDDER = .000 SPDBRK = .000

RUN NO. 75/ 0 RN/L = 1.85 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CHSBUL	CHSBUR	CHSBLR	CHSBLL	CHR	CHEI	CHEO	CHETOT	CHBF
.260	-10.129	.00578	-.01387	-.01823	-.00687	.03102	.01506	-.01026	.00480	-.03746
.260	-8.082	.00172	-.01327	-.01388	-.00675	.02212	.01455	-.01104	.00350	-.02512
.260	-6.095	-.00387	-.01446	-.01684	-.00797	.01946	.01487	-.01217	.00270	-.02155
.260	-4.063	-.00686	-.01476	-.01999	-.01056	.01733	.01660	-.01389	.00270	-.01512
.260	-2.071	-.00883	-.01519	-.02034	-.01247	.01423	.01911	-.01498	.00413	-.01283
.260	-.032	-.00891	-.01242	-.01706	-.01183	.00872	.02121	-.01492	.00629	-.01282
.260	1.995	-.01143	-.01210	-.01683	-.01235	.00514	.02200	-.01530	.00669	-.01590
.260	4.018	-.01213	-.01092	-.01722	-.01287	.00314	.02410	-.01590	.00820	-.01333
.260	6.045	-.01205	-.00698	-.00889	-.01265	-.00882	.02658	-.01638	.01020	-.01822
.260	8.068	-.01210	-.00072	-.00550	-.01213	-.01800	.02804	-.01678	.01125	-.02516
.260	10.090	-.01165	.00551	-.00116	-.01287	-.02887	.03180	-.01739	.01441	-.03025
	GRADIENT	-.00065	.00053	.00045	-.00022	-.00185	.00088	-.00021	.00067	.00002

OA37 B26 C9 F9 M7 W116 E37 V18 R5 (BF2076) (01 JUL 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 INCHES
LREF = 474.6000 INCHES YMRP = .0000 INCHES
BREF = 936.8000 INCHES ZMRP = 375.0000 INCHES
SCALE = .0300

PARAMETRIC DATA

ALPHA = 20.000 BDFLAP = -11.700
ELEVON = .000 AILRON = .000
RUDDER = .000 SPDBRK = .000

RUN NO. 76/ 0 RN/L = 1.85 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CHSBUL	CHSBUR	CHSBLR	CHSBLL	CHR	CHEI	CHEO	CHETOT	CHBF
.260	-10.131	.00783	-.01563	-.01900	.00240	.04489	-.00995	-.02498	-.03493	-.06958
.260	-8.074	.00167	-.01784	-.01190	.00022	.03165	-.01274	-.02327	-.03601	-.06391
.260	-6.051	-.00347	-.01690	-.01568	-.00207	.02705	-.01135	-.02278	-.03413	-.05092
.260	-4.034	-.00572	-.01527	-.01451	-.00328	.02078	-.00910	-.02450	-.03360	-.03785
.260	-2.051	-.00725	-.01458	-.01249	-.00542	.01439	-.00911	-.02780	-.03692	-.04254
.260	-.033	-.00820	-.01181	-.01087	-.00640	.00808	-.00892	-.03150	-.04043	-.04124
.260	2.021	-.01141	-.01048	-.00997	-.00668	.00237	-.00663	-.03485	-.04149	-.03966
.260	4.030	-.01219	-.00764	-.00410	-.00656	-.00701	-.00257	-.03761	-.04019	-.03737
.260	6.073	-.01407	-.00543	-.00072	-.00801	-.01593	-.00244	-.04094	-.04338	-.04176
.260	8.096	-.01668	-.00221	.00476	-.00565	-.02488	-.00277	-.04439	-.04717	-.05125
.260	10.103	-.01662	.00284	.00745	-.00697	-.03390	-.00430	-.04673	-.05104	-.06120
	GRADIENT	-.00085	.00096	.00116	-.00039	-.00335	.00077	-.00165	-.00088	.00019

OA37 B26 C9 F9 M7 W116 E38 V8 R5 (BF2077) (01 JUL 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 INCHES
LREF = 474.8000 INCHES YMRP = .0000 INCHES
BREF = 936.8000 INCHES ZMRP = 375.0000 INCHES
SCALE = .0300

PARAMETRIC DATA

BETA = .000 BDFLAP = 16.300
ELEVON = .000 AILRON = .000
RUDDER = .000 SPDBRK = 25.000

RUN NO. 77/ 0 RN/L = 1.85 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CHSBUL	CHSBUR	CHSBLR	CHSBLL	CHR	CHEI	CHEO	CHETOT	CHBF
.260	-4.115	.02603	.01953	.03796	.04700	.01554	.04515	.02505	.07020	-.10620
.260	-2.093	.02598	.02000	.03868	.04741	.01471	.04573	.02348	.06921	-.10583
.260	-1.031	.02615	.02013	.03867	.04734	.01469	.04544	.02306	.06851	-.10529
.260	.017	.02626	.02051	.03916	.04784	.01443	.04578	.02259	.06837	-.10832
.260	1.007	.02669	.02082	.03966	.04847	.01468	.04602	.02274	.06877	-.10857
.260	2.064	.02647	.02084	.04005	.04887	.01444	.04679	.02251	.06931	-.10767
.260	4.134	.02679	.02135	.04137	.04987	.01394	.04519	.01953	.06473	-.11067
.260	6.187	.02684	.02136	.04170	.05066	.01443	.04182	.01490	.05672	-.11205
.260	8.211	.02723	.02162	.04216	.05121	.01465	.03710	.00977	.04688	-.11583
.260	10.280	.02683	.02152	.04181	.05136	.01485	.02995	.00414	.03410	-.12298
.260	12.330	.02706	.02189	.04260	.05187	.01443	.02264	-.00196	.02068	-.12615
.260	14.414	.02315	.01520	.03527	.04489	.01756	.01129	-.01126	.00003	-.13857
.260	16.473	.02695	.02217	.04325	.05214	.01366	.00483	-.02047	-.01563	-.15089
.260	18.538	.02636	.02202	.04271	.05124	.01287	-.00687	-.02706	-.03393	-.16435
.260	20.595	.02600	.02214	.04210	.05036	.01212	-.01874	-.03362	-.05237	-.17647
.260	22.704	.02607	.02331	.04335	.05105	.01046	-.03301	-.03663	-.06964	-.18707
.260	24.728	.02782	.02561	.04563	.05334	.00992	-.05777	-.04578	-.10355	-.20361
.260	26.813	.03080	.02863	.04862	.05618	.00972	-.07492	-.04901	-.12393	-.20705
.260	28.818	.03598	.03320	.05426	.06245	.01096	-.06923	-.04667	-.11590	-.22117
.260	30.760	.04186	.03947	.06253	.07122	.01107	-.05927	-.03431	-.09358	-.22860
	GRADIENT	.00011	.00022	.00040	.00036	-.00016	.00007	-.00056	-.00049	-.00057

OA37 B26 C9 F9 H7 W116 E38 V8 R5 (BF2078) (01 JUL 74)

REFERENCE DATA

BREF = 2690.0000 SQ.FT. XMRP = 1076.7000 INCHES
LREF = 474.8000 INCHES YMRP = .0000 INCHES
BREF = 936.8000 INCHES ZMRP = 375.0000 INCHES
SCALE = .0300

PARAMETRIC DATA

BETA = .000 BDFLAP = 16.300
ELEVON = 15.000 AILRON = .000
RUDDER = .000 SPDBRK = 25.000

RUN NO. 78/ 0 RN/L = 1.85 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CHSBUL	CHSBUR	CHSBLR	CHSBLL	CHR	CHEI	CHEO	CHETOT	CHBF
.260	-3.986	.02647	.01923	.03853	.04639	.01509	-.03693	-.01816	-.05509	-.12240
.260	-1.953	.02613	.01950	.03843	.04622	.01442	-.03886	-.02174	-.06061	-.12551
.260	-.916	.02615	.01969	.03834	.04625	.01437	-.04079	-.02401	-.06480	-.12405
.260	.145	.02613	.01990	.03860	.04634	.01397	-.04038	-.02650	-.06688	-.12705
.260	1.133	.02596	.01976	.03882	.04622	.01359	-.04005	-.02998	-.07003	-.12782
.260	2.193	.02446	.01714	.03338	.04382	.01775	-.04207	-.03305	-.07513	-.12760
.260	4.253	.03034	.02558	.04452	.05441	.01466	-.04903	-.03754	-.08658	-.13183
.260	6.312	.02722	.02073	.03978	.04762	.01431	-.05558	-.04627	-.10185	-.13529
.260	8.373	.02734	.02060	.03983	.04824	.01515	-.06734	-.05435	-.12169	-.13912
.260	10.408	.02738	.02100	.04015	.04832	.01455	-.07650	-.06028	-.13679	-.14707
.260	12.480	.02789	.02129	.04004	.04880	.01535	-.08733	-.06912	-.15646	-.15267
.260	14.556	.02810	.02163	.04093	.04941	.01495	-.09731	-.07533	-.17264	-.16134
.260	16.633	.02796	.02136	.04018	.04928	.01569	-.10818	-.08251	-.19069	-.16947
.260	18.657	.02856	.02263	.04163	.04950	.01379	-.12264	-.08867	-.21132	-.18278
.260	20.755	.02797	.02265	.04092	.04888	.01327	-.14310	-.08775	-.23086	-.19847
.260	22.841	.02849	.02397	.04259	.05023	.01216	-.15966	-.09111	-.25077	-.20788
.260	24.861	.03015	.02610	.04531	.05285	.01159	-.17369	-.09495	-.26864	-.21724
.260	26.861	.03403	.03017	.04973	.05827	.01240	-.17797	-.08788	-.26586	-.22463
.260	28.851	.04124	.03701	.05843	.06780	.01360	-.17216	-.07379	-.24596	-.24323
.260	30.806	.04749	.04536	.07205	.08208	.01215	-.15392	-.06368	-.21760	-.24000
	GRADIENT	.00028	.00048	.00033	.00063	.00010	-.00125	-.00245	-.00370	-.00105

OA37 B26 C9 F9 MT W116 E37 V8 R5 (BF2079) (01 JUL 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 INCHES
LREF = 474.8000 INCHES YMRP = .0000 INCHES
BREF = 936.8000 INCHES ZMRP = 375.0000 INCHES
SCALE = .0300

PARAMETRIC DATA

BETA = .000 BDFLAP = -11.700
ELEVON = .000 AILRON = .000
RUDDER = .000 SPDBRK = .000

RUN NO. 79/ 0 RN/L = 1.85 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CHSBUL	CHSBUR	CHSBLR	CHSBLL	CHR	CHEI	CHEO	CHETOT	CHBF
.260	-4.163	.01468	.01621	.01179	.01668	.00336	.05399	.02332	.07732	-.00256
.260	-2.116	.01470	.01579	.01237	.01670	.00324	.05418	.02222	.07641	-.00205
.260	-1.091	.01600	.01492	.01237	.01614	.00484	.05490	.02174	.07665	-.00179
.260	-.022	.01510	.01489	.01291	.01437	.00168	.05464	.02106	.07571	-.00230
.260	1.008	.01512	.01578	.01180	.01554	.00308	.05484	.02116	.07601	-.00154
.260	2.031	.01468	.01401	.01235	.01553	.00384	.05452	.02023	.07475	.00076
.260	4.079	.01384	.01491	.01349	.01267	-.00190	.05324	.01780	.07105	.00051
.260	6.151	.01425	.01445	.01179	.01496	.00295	.05015	.01334	.06350	.00025
.260	8.198	.01470	.01623	.01237	.01382	-.00007	.04598	.00830	.05428	-.00077
.260	10.243	.01424	.01620	.01179	.01553	.00178	.03798	.00231	.04030	-.00256
.260	12.302	.01383	.01799	.01349	.01498	-.00266	.03202	-.00214	.02988	-.00924
.260	14.387	.01425	.01797	.01123	.01381	-.00113	.02406	-.00998	.01408	-.01283
.260	16.418	.01423	.01794	.01010	.01379	-.00001	.01529	-.01950	-.00421	-.01948
.260	18.507	.01554	.01928	.01516	.01496	-.00393	.00464	-.02586	-.02122	-.02899
.260	20.597	.01508	.01792	.01289	.01665	.00091	-.00795	-.03207	-.04003	-.03994
.260	22.644	.01508	.01836	.01457	.01550	-.00234	-.01797	-.03562	-.05359	-.05043
.260	24.719	.01331	.01918	.01508	.01889	-.00205	-.04103	-.04700	-.08803	-.05768
.260	26.765	.01548	.01963	.01510	.01662	-.00263	-.05778	-.05209	-.10988	-.06822
.260	28.778	.01719	.01962	.01173	.01374	-.00042	-.06020	-.04957	-.10977	-.07839
.260	30.730	.01842	.02174	.00668	.01084	.00084	-.04693	-.03337	-.08031	-.06874
	GRADIENT	-.00010	-.00018	.00014	-.00044	-.00050	-.00055	-.00061	-.00067	.00042

OA37 B26 C9 F9 M7 W16 E37 V8 R5 (BF2080) (01 JUL 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 INCHES
LREF = 474.8000 INCHES YMRP = .0000 INCHES
BREF = 936.8000 INCHES ZMRP = 375.0000 INCHES
SCALE = .0300

PARAMETRIC DATA

ALPHA = .000 BDFLAP = -11.700
ELEVON = .000 AILRON = .000
RUDDER = .000 SPDBRK = .000

RUN NO. 80/ 0 RN/L = 1.85 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CHSBUL	CHSBUR	CHSBLR	CHSBLL	CHR	CHEI	CHEO	CHETOT	CHBF
.260	-10.109	.02377	-.00771	.01068	.02303	.04384	.04350	.02074	.06425	-.01181
.260	-8.137	.02547	.00613	.01235	.01955	.02654	.04399	.02022	.06422	-.01025
.260	-6.089	.02201	.01839	.01235	.01725	.00852	.04699	.02029	.06729	-.00641
.260	-4.046	.02159	.01402	.01347	.01841	.01250	.04906	.02051	.06957	-.00436
.260	-2.068	.01642	.01271	.00955	.01266	.00682	.05047	.02060	.07107	-.00333
.260	-.041	.01424	.01488	.01459	.01437	-.00086	.05312	.02049	.07362	-.00333
.260	1.977	.01252	.02147	.01685	.01726	-.00853	.05468	.02072	.07541	-.00307
.260	3.999	.01253	.02061	.02080	.01785	-.01102	.05540	.02109	.07650	-.00308
.260	6.017	.01469	.02631	.02023	.01439	-.01745	.05732	.02095	.07827	-.00770
.260	8.035	.00691	.02675	.01967	.01555	-.02396	.05719	.02110	.07830	-.01104
.260	10.052	-.00826	.02802	.01908	.01265	-.04272	.05901	.02099	.08001	-.01205
	GRADIENT	-.00109	.00109	.00109	.00018	-.00310	.00084	.00006	.00090	.00014

OA37 B26 C9 F9 M7 W16 E37 V8 R5 (BF2081) (01 JUL 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 INCHES
LREF = 474.8000 INCHES YMRP = .0000 INCHES
BREF = 936.8000 INCHES ZMRP = 375.0000 INCHES
SCALE = .0300

PARAMETRIC DATA

ALPHA = 10.000 BDFLAP = -11.700
ELEVON = .000 AILRON = .000
RUDDER = .000 SPDBRK = .000

RUN NO. 81/ 0 RN/L = 1.85 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CHSBUL	CHSBUR	CHSBLR	CHSBLL	CHR	CHEI	CHEO	CHETOT	CHBF
.260	-10.131	.03283	.00701	.00000	.00921	.03503	.02652	.00590	.03243	-.02053
.260	-8.079	.02721	.01183	.00842	.00748	.01443	.02803	.00555	.03358	-.01283
.260	-6.082	.02248	.01667	.01293	.01267	.00555	.03079	.00513	.03592	-.00976
.260	-4.064	.02029	.01314	.01291	.01611	.01034	.03280	.00386	.03667	-.00646
.260	-2.062	.01987	.01490	.01460	.01611	.00647	.03472	.00337	.03810	-.00461
.260	-.045	.01338	.01489	.01572	.01381	-.00342	.03622	.00210	.03832	-.00410
.260	1.988	.01122	.01752	.01740	.01610	-.00759	.03935	.00133	.04069	-.00384
.260	3.996	.01166	.02104	.01460	.00863	-.01534	.04293	.00140	.04434	-.00539
.260	6.014	.01295	.02673	.01404	.00863	-.01918	.04675	.00119	.04794	-.00846
.260	8.051	.00690	.03110	.01459	.00575	-.03304	.04878	.00014	.04892	-.01282
.260	10.084	-.00043	.03332	.01461	.00863	-.03974	.05184	.00021	.05205	-.01771
	GRADIENT	-.00128	.00091	.00031	-.00074	-.00324	.00123	-.00035	.00089	.00034

OA37 B26 C9 F9 M7 W116 E37 V8 R5 (BF2082) (01 JUL 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 INCHES
LREF = 474.8000 INCHES YMRP = .0000 INCHES
BREF = 936.8000 INCHES ZMRP = 375.0000 INCHES
SCALE = .0300

PARAMETRIC DATA

ALPHA = 15.000 BDFLAP = -11.700
ELEVON = .000 AILRON = .000
RUDDER = .000 SPDBRK = .000

RUN NO. 82/ 0 RN/L = 1.85 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CHSBUL	CHSBUR	CHSBLR	CHSBLL	CHR	CHEI	CHEO	CHETOT	CHBF
.260	-10.124	.03239	.00876	.00168	.01266	.03460	.01202	-.01061	.00141	-.04233
.260	-8.087	.02937	.01271	.01011	.01324	.01979	.01257	-.01090	.00167	-.03105
.260	-6.071	.02460	.01357	.01235	.01783	.01650	.01229	-.01253	-.00024	-.02385
.260	-4.033	.02030	.01402	.01517	.01842	.00952	.01449	-.01397	.00052	-.01848
.260	-2.046	.02160	.01271	.01516	.01957	.01329	.01750	-.01511	.00238	-.01642
.260	-.033	.01511	.01708	.01740	.01668	-.00269	.01886	-.01567	.00318	-.01795
.260	1.985	.01251	.01969	.01739	.01609	-.00848	.01952	-.01559	.00393	-.01973
.260	3.997	.01122	.02190	.01796	.01495	-.01368	.02104	-.01624	.00480	-.01846
.260	6.020	.00906	.02585	.01516	.00517	-.02676	.02392	-.01681	.00710	-.02232
.260	8.047	.00431	.02848	.01628	.00690	-.03354	.02665	-.01753	.00912	-.02822
.260	10.070	-.00173	.03198	.01235	.00000	-.04607	.02979	-.01809	.01169	-.03745
	GRADIENT	-.00136	.00113	.00039	-.00052	-.00340	.00075	-.00025	.00050	-.00016

OA37 B26 C9 F9 M7 W116 E37 V8 R5 (BF2083) (01 JUL 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 INCHES
LREF = 474.8000 INCHES YMRP = .0000 INCHES
BREF = 936.8000 INCHES ZMRP = 375.0000 INCHES
SCALE = .0300

PARAMETRIC DATA

ALPHA = 20.000 BDFLAP = -11.700
ELEVON = .000 AILRON = .000
RUDDER = .000 SPDBRK = .000

RUN NO. 83/ 0 RN/L = 1.85 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CHSBUL	CHSBUR	CHSBLR	CHSBLL	CHR	CHEI	CHEO	CHETOT	CHBF
.260	-10.096	.02971	.00043	-.01219	.01778	.05926	-.01288	-.02444	-.03733	-.06831
.260	-8.070	.02848	.00656	.00000	.01610	.03802	-.01607	-.02314	-.03922	-.06051
.260	-6.062	.02284	.00830	.00448	.02010	.03015	-.01495	-.02233	-.03729	-.04686
.260	-4.010	.02153	.01136	.00728	.01664	.01953	-.01357	-.02452	-.03810	-.03762
.260	-2.016	.02066	.01135	.00839	.01663	.01754	-.01301	-.02777	-.04078	-.03989
.260	.001	.01465	.01705	.00953	.01551	.00357	-.01345	-.03172	-.04517	-.04046
.260	2.029	.01250	.02012	.01065	.01838	.00011	-.01180	-.03507	-.04687	-.03919
.260	4.043	.01033	.01878	.01736	.01664	-.00917	-.00726	-.03759	-.04485	-.03556
.260	6.061	.00732	.02535	.01736	.01148	-.02391	-.00699	-.04116	-.04815	-.03916
.260	8.074	.00043	.02582	.01402	.00689	-.03251	-.00700	-.04427	-.05127	-.05202
.260	10.086	-.00260	.02536	.00616	-.00345	-.03760	-.00796	-.04737	-.05533	-.06249
	GRADIENT	-.00152	.00117	.00111	.00009	-.00371	.00069	-.00166	-.00097	.00024

OA37 B26 C9 F9 W7 W116 E37 V8 R10 (BF2084) (01 JUL 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 INCHES
LREF = 474.8000 INCHES YMRP = .0000 INCHES
BREF = 936.8000 INCHES ZMRP = 375.0000 INCHES
SCALE = .0300

PARAMETRIC DATA

BETA = .000 BDFLAP = -11.700
ELEVON = .000 AILRON = .000
RUDDER = .000 SPDBRK = 25.000

RUN NO. 84/ 0 RN/L = 1.85 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CHSBUL	CHSBUR	CHSBLR	CHSBLL	CHR	CHEI	CHEO	CHETOT	CHBF
.260	-4.125	.00950	.00876	.05619	.06103	.00557	.05511	.02411	.07923	-.00513
.260	-2.108	.00777	.00832	.05559	.05984	.00369	.05480	.02227	.07707	-.00384
.260	-1.060	.00691	.00965	.05679	.05991	.00039	.05514	.02166	.07681	-.00488
.260	-.024	.00733	.00919	.05837	.06268	.00245	.05518	.02099	.07618	-.00487
.260	.961	.00734	.00877	.05678	.06163	.00342	.05473	.02117	.07590	-.00462
.260	2.029	.00691	.00832	.05900	.06160	.00118	.05566	.02066	.07633	-.00282
.260	4.088	.00691	.00789	.05787	.06218	.00332	.05525	.01778	.07303	-.00282
.260	6.114	.00820	.00832	.06063	.06557	.00482	.05137	.01355	.06492	-.00333
.260	8.171	.00734	.00701	.06121	.06560	.00471	.04647	.00864	.05511	-.00410
.260	10.257	.00862	.00919	.06228	.06611	.00326	.03864	.00210	.04074	-.00410
.260	12.310	.00776	.00788	.05949	.06728	.00767	.03264	-.00206	.03058	-.01128
.260	14.390	.00777	.00701	.05955	.06389	.00510	.02447	-.00962	.01485	-.01231
.260	16.439	.00734	.00832	.05785	.06273	.00389	.01626	-.01960	-.00333	-.01950
.260	18.522	.00690	.00700	.05782	.06212	.00419	.00396	-.02621	-.02225	-.03231
.260	20.588	.00733	.00918	.05440	.05747	.00120	-.00823	-.03280	-.04104	-.04228
.260	22.649	.00990	.00961	.05658	.05683	.00053	-.01824	-.03526	-.05350	-.05170
.260	24.700	.00903	.01222	.05427	.05847	.00101	-.04355	-.04855	-.09210	-.06185
.260	26.749	.01203	.01395	.05702	.06243	.00349	-.05720	-.05270	-.10991	-.07227
.260	28.769	.01632	.01699	.06201	.06468	.00199	-.05976	-.04876	-.10853	-.07732
.260	30.721	.01929	.02087	.06300	.06797	.00339	-.04544	-.03381	-.07926	-.06851
	GRADIENT	-.00027	-.00010	.00031	.00023	-.00025	.00004	-.00067	-.00063	.00027

OA37 B26 C9 F9 M7 W116 E37 V8 R10 (BF2085) (01 JUL 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 INCHES
LREF = 474.8000 INCHES YMRP = .0000 INCHES
BREF = 936.8000 INCHES ZMRP = 375.0000 INCHES
SCALE = .0350

PARAMETRIC DATA

ALPHA = .000 BDFLAP = -11.700
ELEVON = .000 AILRON = .000
RUDDER = .000 SPDBRK = 25.000

RUN NO. 85/ 0 RN/L = 1.85 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CHSBUL	CHSBUR	CHSBLR	CHSBLL	CHR	CHEI	CHEO	CHETOT	CHBF
.260	-10.110	.03107	-.00634	.08140	.09548	.05150	.04412	.02057	.06470	-.01513
.260	-8.107	.02377	.00000	.07365	.09044	.04056	.04611	.02060	.06671	-.01258
.260	-6.079	.02115	.00700	.06008	.07594	.03000	.04755	.02015	.06771	-.00923
.260	-4.036	.01598	.00613	.05394	.06506	.02096	.05018	.02059	.07078	-.00847
.260	-2.033	.01121	.00744	.05443	.06152	.01086	.05299	.02064	.07363	-.00615
.260	-.031	.00345	.00700	.04995	.05233	-.00117	.05423	.02064	.07488	-.00461
.260	2.002	.00561	.01007	.05953	.05870	-.00530	.05563	.02079	.07643	-.00282
.260	4.029	.00302	.01270	.06231	.05636	-.01562	.05683	.02071	.07755	-.00589
.260	6.048	.00604	.01707	.07520	.06612	-.02011	.05859	.02127	.07986	-.00743
.260	8.056	-.00217	.02061	.08546	.07258	-.03567	.05897	.02124	.08021	-.01053
.260	10.084	-.01044	.02762	.09836	.08466	-.05178	.06032	.02116	.08149	-.01412
	GRADIENT	-.00156	.00078	.00109	-.00100	-.00443	.00079	.00002	.00081	.00042

OA37 B26 C9 F9 M7 W116 E37 V8 R10 (BF2086) (01 JUL 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 INCHES
LREF = 474.8000 INCHES YMRP = .0000 INCHES
BREF = 936.8000 INCHES ZMRP = 375.0000 INCHES
SCALE = .0300

PARAMETRIC DATA

ALPHA = 10.000 BDFLAP = -11.700
ELEVON = .000 AILRON = .000
RUDDER = .000 SPDBRK = 25.000

RUN NO. 86/ 0 RN/L = 1.85 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CHSBUL	CHSBUR	CHSBLR	CHSBLL	CHR	CHEI	CHEO	CHETOT	CHBF
.260	-10.119	.03193	.00394	.02245	.04312	.04867	.02690	.00589	.03280	-.02205
.260	-8.086	.02594	.00658	.01968	.03917	.03885	.02901	.00569	.03470	-.01566
.260	-6.068	.01597	.00700	.03873	.05693	.02717	.03060	.00498	.03558	-.01641
.260	-4.050	.01080	.00350	.07754	.09212	.02186	.03282	.00393	.03675	-.01078
.260	-2.017	.01035	.00437	.05780	.06670	.01487	.03496	.00308	.03805	-.00769
.260	-.024	.00647	.00438	.05502	.05752	.00459	.03620	.00217	.03838	-.00795
.260	2.004	.00603	.01050	.06507	.06207	-.00746	.03972	.00147	.04120	-.00871
.260	4.021	.00345	.00965	.06690	.05818	-.01491	.04310	.00140	.04451	-.00976
.260	6.069	.00733	.01576	.07071	.05520	-.02393	.04684	.00098	.04782	-.01128
.260	8.062	.00086	.01928	.05675	.04260	-.03257	.04959	.00063	.05013	-.01514
.260	10.109	-.00521	.02715	.06399	.04025	-.05610	.05081	-.00028	.05053	-.02128
	GRADIENT	-.00094	.00091	-.00070	-.00360	-.00475	.00126	-.00033	.00093	.00005

OA37 B26 C9 F9 M7 W116 E37 V8 R10 (BF2087) (01 JUL 74)

REFERENCE DATA

SREF =	2690.0000 Sq.FT.	XMRP =	1076.7000 INCHES		
LREF =	474.8000 INCHES	YMRP =	.0000 INCHES		
BREF =	936.8000 INCHES	ZMRP =	375.0000 INCHES		
SCALE =	.0300				

PARAMETRIC DATA

ALPHA =	15.000	BDFLAP =	-11.700
ELEVON =	.000	AILRON =	.000
RUDDER =	.000	SPDBRK =	25.000

RUN NO. 87/ 0 RN/L = 1.85 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CHSBUL	CHSBUR	CHSBLR	CHSBLL	CHR	CHEI	CHEO	CHETOT	CHBF
.260	-10.106	.02761	-.00135	.00112	.03679	.06464	.01078	-.01075	.00003	-.04716
.260	-8.079	.02333	.00175	.02079	.04663	.04742	.01135	-.01140	-.00005	-.03670
.260	-6.081	.01595	.00612	.05102	.07467	.03348	.01118	-.01259	-.00140	-.03073
.260	-4.074	.01338	.00481	.05953	.07710	.02614	.01366	-.01418	-.00051	-.02309
.260	-2.031	.00862	.00087	.05102	.06032	.01704	.01569	-.01529	.00039	-.01972
.260	-.028	.00345	.00350	.05394	.05700	.00300	.01832	-.01511	.00321	-.01674
.260	2.010	.00258	.00699	.05944	.05400	-.00984	.02047	-.01529	.00517	-.01716
.260	4.033	.00388	.00964	.07134	.06159	-.01551	.02105	-.01603	.00501	-.01770
.260	6.046	.00560	.01619	.07239	.05290	-.03098	.02458	-.01609	.00849	-.02179
.260	8.064	-.00608	.01708	.05054	.02416	-.04955	.02528	-.01738	.00789	-.03181
.260	10.081	-.00957	.02235	.04381	.00460	-.07113	.02912	-.01753	.01158	-.04080
	GRADIENT	-.00124	.00078	.00158	-.00185	-.00544	.00097	-.00018	.00078	.00066

OA37 B26 C9 F9 M7 W116 E37 V8 R10 (BF2088) (01 JUL 74)

REFERENCE DATA

SREF =	2690.0000 Sq.FT.	XMRP =	1076.7000 INCHES		
LREF =	474.8000 INCHES	YMRP =	.0000 INCHES		
BREF =	936.8000 INCHES	ZMRP =	375.0000 INCHES		
SCALE =	.0300				

PARAMETRIC DATA

ALPHA =	20.000	BDFLAP =	-11.700
ELEVON =	.000	AILRON =	.000
RUDDER =	.000	SPDBRK =	25.000

RUN NO. 88/ 0 RN/L = 1.85 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CHSBUL	CHSBUR	CHSBLR	CHSBLL	CHR	CHEI	CHEO	CHETOT	CHBF
.260	-10.106	.03840	.00175	.01010	.07646	.10301	-.00975	-.02520	-.03495	-.07254
.260	-8.079	.03629	.01402	.04945	.09039	.06321	-.01265	-.02345	-.03611	-.06494
.260	-6.081	.03060	.01880	.06223	.09076	.04033	-.01276	-.02262	-.03538	-.05071
.260	-4.074	.02504	.01621	.05503	.07883	.03263	-.01072	-.02451	-.03523	-.04233
.260	-2.031	.02285	.01618	.05943	.07181	.01904	-.00974	-.02760	-.03734	-.04328
.260	-.028	.01425	.01622	.06012	.06218	.00009	-.01004	-.03165	-.04169	-.04261
.260	2.010	.01164	.02056	.06056	.05573	-.01375	-.00892	-.03521	-.04414	-.04201
.260	4.033	.01425	.02454	.07190	.05986	-.02233	-.00412	-.03784	-.04197	-.03772
.260	6.046	.01510	.02758	.09091	.06727	-.03611	-.00370	-.04137	-.04507	-.04153
.260	8.064	.09647	.03242	.08873	.05524	-.05944	-.00549	-.04582	-.05131	-.05644
.260	10.081	.00086	.03506	.06628	.01899	-.08149	-.00275	-.04632	-.04908	-.06518
	GRADIENT	-.00162	.00104	.00172	-.00267	-.00705	.00069	-.00169	-.00100	.00052

OA37 B26 C9 F9 M7 W116 E37 V8 R11 (BF2089) (01 JUL 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 INCHES
LREF = 474.8000 INCHES YMRP = .0000 INCHES
BREF = 936.8000 INCHES ZMRP = 375.0000 INCHES
SCALE = .0300

PARAMETRIC DATA

BETA = .000 BDFLAP = -11.700
ELEVON = .000 AILRON = .000
RUDDER = .000 SPDBRK = 25.000

RUN NO. 89/ 0 RN/L = 1.85 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CHSBUL	CHSBUR	CHSBLR	CHSBLL	CHR	CHEI	CHEO	CHETOT	CHBF
.260	-4.180	.00000	.00000	.00000	.00000	.00000	.05504	.02422	.07926	-.00666
.260	-2.112	.00000	.00000	.00000	.00000	.00000	.05513	.02250	.07764	-.00616
.260	-1.099	.00000	.00000	.00000	.00000	.00000	.05534	.02205	.07739	-.00333
.260	-.029	.00000	.00000	.00000	.00000	.00000	.05530	.02138	.07669	-.00488
.260	.961	.00000	.00000	.00000	.00000	.00000	.05486	.02166	.07653	-.00359
.260	2.004	.00000	.00000	.00000	.00000	.00000	.05560	.02099	.07660	-.00307
.260	4.049	.00000	.00000	.00000	.00000	.00000	.05432	.01821	.07254	-.00333
.260	6.126	.00000	.00000	.00000	.00000	.00000	.05147	.01382	.06530	-.00153
.260	8.193	.00000	.00000	.00000	.00000	.00000	.04680	.00858	.05538	-.00282
.260	10.249	.00000	.00000	.00000	.00000	.00000	.03770	.00245	.04015	-.00487
.260	12.309	.00000	.00000	.00000	.00000	.00000	.03159	-.00192	.02966	-.01026
.260	14.362	.00000	.00000	.00000	.00000	.00000	.02377	-.00919	.01458	-.01487
.260	16.436	.00000	.00000	.00000	.00000	.00000	.01571	-.01924	-.00352	-.02180
.260	18.508	.00000	.00000	.00000	.00000	.00000	.00273	-.02608	-.02334	-.03156
.260	20.585	.00000	.00000	.00000	.00000	.00000	-.00932	-.03246	-.04178	-.04194
.260	22.648	.00000	.00000	.00000	.00000	.00000	-.01881	-.03574	-.05456	-.05408
.260	24.701	.00000	.00000	.00000	.00000	.00000	-.04306	-.04783	-.09089	-.06142
.260	26.743	.00000	.00000	.00000	.00000	.00000	-.05770	-.05173	-.10944	-.07068
.260	28.765	.00000	.00000	.00000	.00000	.00000	-.06210	-.04785	-.10995	-.07989
.260	30.721	.00000	.00000	.00000	.00000	.00000	-.04992	-.03344	-.08337	-.06669
	GRADIENT	.00000	.00000	.00000	.00000	.00000	-.00006	-.00064	-.00069	.00044

OA37 B26 C9 F9 M7 W16 E37 V8 R11 (BF2090) (01 JUL 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 INCHES
LREF = 474.8000 INCHES YMRP = .0000 INCHES
BREF = 936.8000 INCHES ZMRP = 375.0000 INCHES
SCALE = .0300

PARAMETRIC DATA

ALPHA = .000 BDFLAP = -11.700
ELEVON = .000 AILRON = .000
RUDDER = .000 SPDBRK = 25.000

RUN NO. 90/ 0 RN/L = 1.85 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CHSBUL	CHSBUR	CHSBLR	CHSBLL	CHR	CHEI	CHEO	CHETOT	CHBF
.260	-10.105	.00000	.00000	.00000	.00000	.00000	.04417	.02116	.06533	-.01540
.260	-8.088	.00000	.00000	.00000	.00000	.00000	.04564	.02093	.06658	-.01308
.260	-6.059	.00000	.00000	.00000	.00000	.00000	.04713	.02050	.06764	-.00871
.260	-4.016	.00000	.00000	.00000	.00000	.00000	.04989	.02079	.07068	-.00744
.260	-2.018	.00000	.00000	.00000	.00000	.00000	.05285	.02120	.07405	-.00717
.260	-.011	.00000	.00000	.00000	.00000	.00000	.05355	.02113	.07469	-.00333
.260	2.037	.00000	.00000	.00000	.00000	.00000	.05603	.02114	.07718	-.00436
.260	4.040	.00000	.00000	.00000	.00000	.00000	.05606	.02136	.07743	-.00795
.260	6.063	.00000	.00000	.00000	.00000	.00000	.05705	.02123	.07828	-.00924
.260	8.086	.00000	.00000	.00000	.00000	.00000	.05810	.02129	.07940	-.01257
.260	10.109	.00000	.00000	.00000	.00000	.00000	.06019	.02180	.08200	-.01412
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00077	.00005	.00082	.00009

OA37 B26 C9 F9 M7 W16 E37 V8 R11 (BF2091) (01 JUL 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 INCHES
LREF = 474.8000 INCHES YMRP = .0000 INCHES
BREF = 936.8000 INCHES ZMRP = 375.0000 INCHES
SCALE = .0300

PARAMETRIC DATA

ALPHA = 10.000 BDFLAP = -11.700
ELEVON = .000 AILRON = .000
RUDDER = .000 SPDBRK = 25.000

RUN NO. 91/ 0 RN/L = 1.85 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CHSBUL	CHSBUR	CHSBLR	CHSBLL	CHR	CHEI	CHEO	CHETOT	CHBF
.260	-10.098	.00000	.00000	.00000	.00000	.00000	.02622	.00610	.03233	-.02358
.260	-8.041	.00000	.00000	.00000	.00000	.00000	.02867	.00603	.03471	-.01717
.260	-6.042	.00000	.00000	.00000	.00000	.00000	.03129	.00583	.03712	-.01616
.260	-4.005	.00000	.00000	.00000	.00000	.00000	.03347	.00498	.03845	-.00743
.260	-2.007	.00000	.00000	.00000	.00000	.00000	.03403	.00316	.03719	-.00743
.260	-.004	.00000	.00000	.00000	.00000	.00000	.03552	.00231	.03783	-.00564
.260	2.024	.00000	.00000	.00000	.00000	.00000	.03880	.00168	.04048	-.00769
.260	4.046	.00000	.00000	.00000	.00000	.00000	.04295	.00182	.04477	-.00590
.260	6.070	.00000	.00000	.00000	.00000	.00000	.04566	.00154	.04721	-.01206
.260	8.078	.00000	.00000	.00000	.00000	.00000	.04918	.00077	.04995	-.01872
.260	10.125	.00000	.00000	.00000	.00000	.00000	.05211	.00070	.05281	-.01848
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00118	-.00039	.00079	.00014

OA37 B26 C9 F9 M7 W116 E37 V8 R11 (BF2092) (01 JUL 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 INCHES
LREF = 474.8000 INCHES YMRP = .0000 INCHES
BREF = 936.8000 INCHES ZMRP = 375.0000 INCHES
SCALE = .0300

PARAMETRIC DATA

ALPHA = 15.000 BOFLAP = -11.700
ELEVON = .000 AILRON = .000
RUDDER = .000 SPDBRK = 25.000

RUN NO. 92/ 0 RN/L = 1.85 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CHSBUL	CHSBUR	CHSBLR	CHSBLL	CHR	CHEI	CHEO	CHETOT	CHBF
.260	-10.092	.00000	.00000	.00000	.00000	.00000	.01146	-.01010	.00136	-.04687
.260	-8.079	.00000	.00000	.00000	.00000	.00000	.01106	-.01061	.00045	-.03564
.260	-6.046	.00000	.00000	.00000	.00000	.00000	.01134	-.01182	-.00048	-.02667
.260	-4.039	.00000	.00000	.00000	.00000	.00000	.01238	-.01368	-.00130	-.02094
.260	-2.021	.00000	.00000	.00000	.00000	.00000	.01516	-.01466	.00049	-.01948
.260	.017	.00000	.00000	.00000	.00000	.00000	.01763	-.01446	.00316	-.01565
.260	2.025	.00000	.00000	.00000	.00000	.00000	.01788	-.01488	.00300	-.01768
.260	4.048	.00000	.00000	.00000	.00000	.00000	.01964	-.01528	.00435	-.01766
.260	6.061	.00000	.00000	.00000	.00000	.00000	.02307	-.01601	.00705	-.02178
.260	8.124	.00000	.00000	.00000	.00000	.00000	.02433	-.01682	.00751	-.03310
.260	10.116	.00000	.00000	.00000	.00000	.00000	.02925	-.01724	.01200	-.04310
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00085	-.00017	.00068	.00041

OA37 B26 C9 F9 M7 W116 E37 V8 R11 (BF2093) (01 JUL 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 INCHES
LREF = 474.8000 INCHES YMRP = .0000 INCHES
BREF = 936.8000 INCHES ZMRP = 375.0000 INCHES
SCALE = .0300

PARAMETRIC DATA

ALPHA = 20.000 BOFLAP = -11.700
ELEVON = .000 AILRON = .000
RUDDER = .000 SPDBRK = 25.000

RUN NO. 93/ 0 RN/L = 1.85 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CHSBUL	CHSBUR	CHSBLR	CHSBLL	CHR	CHEI	CHEO	CHETOT	CHBF
.260	-10.127	.00000	.00000	.00000	.00000	.00000	-.00562	-.02537	-.03099	-.07292
.260	-8.095	.00000	.00000	.00000	.00000	.00000	-.00863	-.02344	-.03208	-.06218
.260	-6.077	.00000	.00000	.00000	.00000	.00000	-.00767	-.02252	-.03019	-.05116
.260	-4.024	.00000	.00000	.00000	.00000	.00000	-.00713	-.02445	-.03159	-.03993
.260	-2.071	.00000	.00000	.00000	.00000	.00000	-.00602	-.02776	-.03379	-.04218
.260	.032	.00000	.00000	.00000	.00000	.00000	-.00616	-.03138	-.03755	-.04397
.260	2.005	.00000	.00000	.00000	.00000	.00000	-.00425	-.03468	-.03893	-.04171
.260	4.019	.00000	.00000	.00000	.00000	.00000	.00013	-.03812	-.03799	-.03765
.260	6.058	.00000	.00000	.00000	.00000	.00000	.00027	-.04103	-.04076	-.04148
.260	8.077	.00000	.00000	.00000	.00000	.00000	.00013	-.04440	-.04426	-.05499
.260	10.089	.00000	.00000	.00000	.00000	.00000	-.00054	-.04730	-.04785	-.06659
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00081	-.00170	-.00089	.00025

OA37 B26 C9 F9 M7 W116 E37 V8 R12 (BF2094) (01 JUL 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 INCHES
LREF = 474.8000 INCHES YMRP = .0000 INCHES
BREF = 936.8000 INCHES ZMRP = 375.0000 INCHES
SCALE = .0300

PARAMETRIC DATA

BETA = .000 BOFLAP = -11.700
ELEVON = .000 AILRON = .000
RUDDER = .000 SPDBRK = 85.000

RUN NO. 94/ 0 RN/L = 1.85 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CHSBUL	CHSBUR	CHSBLR	CHSBLL	CHR	CHEI	CHEO	CHETOT	CHBF
.260	-4.184	.00000	.00000	.00000	.00000	.00000	.05576	.02431	.08007	-.02847
.260	-2.123	.00000	.00000	.00000	.00000	.00000	.05564	.02234	.07799	-.02797
.260	-1.092	.00000	.00000	.00000	.00000	.00000	.05510	.02159	.07670	-.02662
.260	-.030	.00000	.00000	.00000	.00000	.00000	.05453	.02149	.07603	-.02411
.260	.941	.00000	.00000	.00000	.00000	.00000	.05390	.02132	.07522	-.02638
.260	2.005	.00000	.00000	.00000	.00000	.00000	.05495	.02115	.07610	-.02540
.260	4.071	.00000	.00000	.00000	.00000	.00000	.05362	.01837	.07200	-.02407
.260	6.121	.00000	.00000	.00000	.00000	.00000	.05097	.01412	.06509	-.02257
.260	8.114	.00000	.00000	.00000	.00000	.00000	.04623	.00932	.05556	-.02150
.260	10.222	.00000	.00000	.00000	.00000	.00000	.03806	.00308	.04115	-.02330
.260	12.266	.00000	.00000	.00000	.00000	.00000	.03252	-.00149	.03102	-.02693
.260	14.370	.00000	.00000	.00000	.00000	.00000	.02345	-.00860	.01485	-.03405
.260	16.398	.00000	.00000	.00000	.00000	.00000	.01461	-.01866	-.00404	-.04103
.260	18.455	.00000	.00000	.00000	.00000	.00000	.00382	-.02569	-.02186	-.05047
.260	20.561	.00000	.00000	.00000	.00000	.00000	-.00766	-.03130	-.03897	-.06107
.260	22.634	.00000	.00000	.00000	.00000	.00000	-.01851	-.03482	-.05333	-.06934
.260	24.671	.00000	.00000	.00000	.00000	.00000	-.03910	-.04641	-.08551	-.07985
.260	26.736	.00000	.00000	.00000	.00000	.00000	-.05674	-.05123	-.10797	-.08930
.260	28.759	.00000	.00000	.00000	.00000	.00000	-.06064	-.04962	-.11026	-.09277
.260	30.710	.00000	.00000	.00000	.00000	.00000	-.04996	-.03374	-.08370	-.07718
	GRADIENT	.00000	.00000	.00000	.00000	.00000	-.00026	-.00061	-.00087	.00053

OA37 B26 C9 F9 M7 W116 E37 V8 R12 (BF2095) (01 JUL 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 INCHES
LREF = 474.8000 INCHES YMRP = .0000 INCHES
BREF = 936.8000 INCHES ZMRP = 375.0000 INCHES
SCALE = .0300

PARAMETRIC DATA

ALPHA = .000 BOFLAP = -11.700
ELEVON = .000 AILRON = .000
RUDDER = .000 SPDBRK = 85.000

RUN NO. 95/ 0 RN/L = 1.85 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CHSBUL	CHSBUR	CHSBLR	CHSBLL	CHR	CHEI	CHEO	CHETOT	CHBF
.260	-10.161	.00000	.00000	.00000	.00000	.00000	.04204	.02070	.06274	-.03766
.260	-8.133	.00000	.00000	.00000	.00000	.00000	.04400	.02065	.06466	-.03719
.260	-6.100	.00000	.00000	.00000	.00000	.00000	.04573	.02077	.06650	-.03331
.260	-4.066	.00000	.00000	.00000	.00000	.00000	.04784	.02080	.06864	-.03207
.260	-2.098	.00000	.00000	.00000	.00000	.00000	.04968	.02070	.07039	-.02741
.260	-.041	.00000	.00000	.00000	.00000	.00000	.05304	.02122	.07426	-.02258
.260	1.997	.00000	.00000	.00000	.00000	.00000	.05335	.02118	.07453	-.02356
.260	4.019	.00000	.00000	.00000	.00000	.00000	.05603	.02128	.07732	-.02488
.260	6.058	.00000	.00000	.00000	.00000	.00000	.05581	.02097	.07679	-.02843
.260	8.072	.00000	.00000	.00000	.00000	.00000	.05767	.02156	.07924	-.03027
.260	10.094	.00000	.00000	.00000	.00000	.00000	.05722	.02134	.07857	-.03486
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00099	.00007	.00106	.00090

OA37 B26 C9 F9 M7 W116 E37 V8 R12 (BF2096) (01 JUL 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 INCHES
LREF = 474.8000 INCHES YMRP = .0000 INCHES
BREF = 936.8000 INCHES ZMRP = 375.0000 INCHES
SCALE = .0300

PARAMETRIC DATA

ALPHA = 10.000 BOFLAP = -11.700
ELEVON = .000 AILRON = .000
RUDDER = .000 SPDBRK = 85.000

RUN NO. 96/ 0 RN/L = 1.85 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CHSBUL	CHSBUR	CHSBLR	CHSBLL	CHR	CHEI	CHEO	CHETOT	CHBF
.260	-10.153	.00000	.00000	.00000	.00000	.00000	.02511	.00638	.03149	-.04482
.260	-8.131	.00000	.00000	.00000	.00000	.00000	.02528	.00590	.03119	-.03848
.260	-6.098	.00000	.00000	.00000	.00000	.00000	.02623	.00553	.03377	-.03021
.260	-4.084	.00000	.00000	.00000	.00000	.00000	.03047	.00428	.03475	-.03180
.260	-2.062	.00000	.00000	.00000	.00000	.00000	.03246	.00315	.03562	-.02867
.260	-.014	.00000	.00000	.00000	.00000	.00000	.03467	.00259	.03727	-.02434
.260	1.998	.00000	.00000	.00000	.00000	.00000	.03821	.00217	.04038	-.02100
.260	4.021	.00000	.00000	.00000	.00000	.00000	.04139	.00238	.04378	-.02128
.260	6.049	.00000	.00000	.00000	.00000	.00000	.04406	.00147	.04553	-.02637
.260	8.053	.00000	.00000	.00000	.00000	.00000	.04826	.00140	.04967	-.03310
.260	10.101	.00000	.00000	.00000	.00000	.00000	.05048	.00098	.05146	-.03918
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00136	-.00024	.00113	.00142

OA37 B26 C9 F9 M7 W116 E37 V8 R12 (BF2097) (01 JUL 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 INCHES
LREF = 474.8000 INCHES YMRP = .0000 INCHES
BREF = 936.8000 INCHES ZMRP = 375.0000 INCHES
SCALE = .0300

PARAMETRIC DATA

ALPHA = 15.000 BDFLAP = -11.700
ELEVON = .000 AILRON = .000
RUDDER = .000 SPDBRK = 85.000

RUN NO. 97/ 0 RN/L = 1.85 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CHSBUL	CHSBUR	CHSBLR	CHSBLL	CHR	CHEI	CHEO	CHETOT	CHBF
.260	-10.112	.00000	.00000	.00000	.00000	.00000	.00846	-.00996	-.00150	-.06305
.260	-8.124	.00000	.00000	.00000	.00000	.00000	.00790	-.01052	-.00261	-.05094
.260	-6.106	.00000	.00000	.00000	.00000	.00000	.00833	-.01174	-.00341	-.04537
.260	-4.064	.00000	.00000	.00000	.00000	.00000	.00941	-.01337	-.00395	-.04046
.260	-2.056	.00000	.00000	.00000	.00000	.00000	.01215	-.01374	-.00158	-.03538
.260	-.033	.00000	.00000	.00000	.00000	.00000	.01363	-.01378	-.00015	-.03736
.260	2.004	.00000	.00000	.00000	.00000	.00000	.01556	-.01409	.00147	-.03485
.260	4.017	.00000	.00000	.00000	.00000	.00000	.01716	-.01498	.00217	-.02992
.260	6.045	.00000	.00000	.00000	.00000	.00000	.01967	-.01588	.00378	-.03435
.260	8.063	.00000	.00000	.00000	.00000	.00000	.02209	-.01649	.00559	-.04224
.260	10.097	.00000	.00000	.00000	.00000	.00000	.02540	-.01694	.00845	-.05025
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00093	-.00018	.00076	.00107

OA37 B26 C9 F9 M7 W116 E37 V8 R12 (BF2098) (01 JUL 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 INCHES
LREF = 474.8000 INCHES YMRP = .0000 INCHES
BREF = 936.8000 INCHES ZMRP = 375.0000 INCHES
SCALE = .0300

PARAMETRIC DATA

ALPHA = 20.000 BDFLAP = -11.700
ELEVON = .000 AILRON = .000
RUDDER = .000 SPDBRK = 85.000

RUN NO. 98/ 0 RN/L = 1.85 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CHSBUL	CHSBUR	CHSBLR	CHSBLL	CHR	CHEI	CHEO	CHETOT	CHBF
.260	-10.132	.00000	.00000	.00000	.00000	.00000	-.01780	-.02456	-.04237	-.08641
.260	-8.094	.00000	.00000	.00000	.00000	.00000	-.02057	-.02260	-.04318	-.08242
.260	-6.081	.00000	.00000	.00000	.00000	.00000	-.02013	-.02229	-.04242	-.06671
.260	-4.044	.00000	.00000	.00000	.00000	.00000	-.01943	-.02397	-.04341	-.05875
.260	-2.026	.00000	.00000	.00000	.00000	.00000	-.01906	-.02701	-.04608	-.06245
.260	-.003	.00000	.00000	.00000	.00000	.00000	-.02012	-.03093	-.05105	-.06360
.260	2.030	.00000	.00000	.00000	.00000	.00000	-.01851	-.03434	-.05286	-.06169
.260	4.053	.00000	.00000	.00000	.00000	.00000	-.01423	-.03645	-.05068	-.05515
.260	6.077	.00000	.00000	.00000	.00000	.00000	-.01399	-.04031	-.05430	-.05375
.260	8.105	.00000	.00000	.00000	.00000	.00000	-.01245	-.04376	-.05621	-.06920
.260	10.114	.00000	.00000	.00000	.00000	.00000	-.01479	-.04656	-.06135	-.07973
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00054	-.00159	-.00105	.00039

OA37 B26 C9 F9 M7 W116 E37 V8 R13 (BF2099) (01 JUL 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 INCHES
LREF = 474.8000 INCHES YMRP = .0000 INCHES
BREF = 936.8000 INCHES ZMRP = 375.0000 INCHES
SCALE = .0300

PARAMETRIC DATA

BETA = .000 BDFLAP = -11.700
ELEVON = .000 AILRON = .000
RUDDER = .000 SPDBRK = 85.000

RUN NO. 99/ 0 RN/L = 1.85 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CHSBUL	CHSBUR	CHSBLR	CHSBLL	CHR	CHEI	CHEO	CHETOT	CHBF
.260	-4.188	.00000	.00000	.00000	.00000	.00000	.05419	.02413	.07833	-.03203
.260	-2.125	.00000	.00000	.00000	.00000	.00000	.05469	.02235	.07704	-.03003
.260	-1.124	.00000	.00000	.00000	.00000	.00000	.05476	.02134	.07610	-.02871
.260	-.097	.00000	.00000	.00000	.00000	.00000	.05534	.02128	.07663	-.02770
.260	.953	.00000	.00000	.00000	.00000	.00000	.05499	.02118	.07618	-.02638
.260	1.976	.00000	.00000	.00000	.00000	.00000	.05605	.02094	.07699	-.02668
.260	4.020	.00000	.00000	.00000	.00000	.00000	.05553	.01835	.07389	-.02388
.260	6.127	.00000	.00000	.00000	.00000	.00000	.05188	.01396	.06584	-.02306
.260	8.108	.00000	.00000	.00000	.00000	.00000	.04708	.00884	.05592	-.02049
.260	10.207	.00000	.00000	.00000	.00000	.00000	.03766	.00273	.04040	-.02407
.260	12.309	.00000	.00000	.00000	.00000	.00000	.03252	-.00156	.03096	-.03001
.260	14.335	.00000	.00000	.00000	.00000	.00000	.02400	-.00853	.01547	-.03303
.260	16.435	.00000	.00000	.00000	.00000	.00000	.01556	-.01872	-.00315	-.04255
.260	18.493	.00000	.00000	.00000	.00000	.00000	.00382	-.02584	-.02202	-.05179
.260	20.517	.00000	.00000	.00000	.00000	.00000	-.00795	-.03154	-.03949	-.06242
.260	22.584	.00000	.00000	.00000	.00000	.00000	-.01698	-.03463	-.05162	-.07181
.260	24.688	.00000	.00000	.00000	.00000	.00000	-.03855	-.04669	-.08524	-.08138
.260	26.734	.00000	.00000	.00000	.00000	.00000	-.05837	-.05106	-.10943	-.09128
.260	28.769	.00000	.00000	.00000	.00000	.00000	-.06044	-.04791	-.10835	-.09773
.260	30.712	.00000	.00000	.00000	.00000	.00000	-.05165	-.03369	-.08535	-.07528
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00019	-.00060	-.00041	.00097

OA37 B26 C9 F9 M7 W116 E37 V8 R13 (BF2100) (01 JUL 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 INCHES
LREF = 474.8000 INCHES YMRP = .0000 INCHES
BREF = 936.8000 INCHES ZMRP = 375.0000 INCHES
SCALE = .0300

PARAMETRIC DATA

ALPHA = .000 BDFLAP = -11.700
ELEVON = .000 AILRON = .000
RUDDER = .000 SPDBRK = 85.000

RN/L = 1.85 GRADIENT INTERVAL = -5.00/ 5.00

MACH = .260

BETA	CHSBUL	CHSBUR	CHSBLR	CHSBLL	CHR	CHEI	CHEO	CHETOT	CHBF
-10.117	.00000	.00000	.00000	.00000	.00000	.04536	.02099	.06636	-.04103
-8.118	.00000	.00000	.00000	.00000	.00000	.04721	.02083	.06804	-.03995
-6.070	.00000	.00000	.00000	.00000	.00000	.04871	.02041	.06912	-.03816
-4.066	.00000	.00000	.00000	.00000	.00000	.05120	.02063	.07183	-.03485
-2.018	.00000	.00000	.00000	.00000	.00000	.05391	.02083	.07475	-.03202
-.016	.00000	.00000	.00000	.00000	.00000	.05541	.02069	.07611	-.02869
2.022	.00000	.00000	.00000	.00000	.00000	.05873	.02120	.07993	-.02563
4.035	.00000	.00000	.00000	.00000	.00000	.06097	.02178	.08276	-.02515
6.078	.00000	.00000	.00000	.00000	.00000	.06186	.02155	.08341	-.03152
8.097	.00000	.00000	.00000	.00000	.00000	.06275	.02143	.08418	-.03336
10.120	.00000	.00000	.00000	.00000	.00000	.06355	.02114	.08470	-.03104
GRADIENT	.00000	.00000	.00000	.00000	.00000	.00120	.00013	.00134	.00127

OA37 B26 C9 F9 M7 W116 E37 V8 R13 (BF2101) (01 JUL 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 INCHES
LREF = 474.8000 INCHES YMRP = .0000 INCHES
BREF = 936.8000 INCHES ZMRP = 375.0000 INCHES
SCALE = .0300

PARAMETRIC DATA

ALPHA = 10.000 BDFLAP = -11.700
ELEVON = .000 AILRON = .000
RUDDER = .000 SPDBRK = 85.000

RN/L = 1.85 GRADIENT INTERVAL = -5.00/ 5.00

MACH = .260

BETA	CHSBUL	CHSBUR	CHSBLR	CHSBLL	CHR	CHEI	CHEO	CHETOT	CHBF
-10.139	.00000	.00000	.00000	.00000	.00000	.03303	.00687	.03991	-.04407
-8.101	.00000	.00000	.00000	.00000	.00000	.03334	.00625	.03959	-.04155
-6.068	.00000	.00000	.00000	.00000	.00000	.03522	.00554	.04076	-.03356
-4.065	.00000	.00000	.00000	.00000	.00000	.03901	.00497	.04399	-.03508
-2.027	.00000	.00000	.00000	.00000	.00000	.03958	.00329	.04288	-.02843
.001	.00000	.00000	.00000	.00000	.00000	.04264	.00323	.04587	-.02283
2.014	.00000	.00000	.00000	.00000	.00000	.04538	.00231	.04770	-.02309
4.037	.00000	.00000	.00000	.00000	.00000	.04765	.00196	.04962	-.02691
6.080	.00000	.00000	.00000	.00000	.00000	.05099	.00168	.05267	-.02617
8.113	.00000	.00000	.00000	.00000	.00000	.05441	.00119	.05561	-.03285
10.121	.00000	.00000	.00000	.00000	.00000	.05754	.00070	.05824	-.03990
GRADIENT	.00000	.00000	.00000	.00000	.00000	.00114	-.00035	.00079	.00107

OA37 B26 C9 F9 M7 W116 E37 V8 R13 (BF2102) (01 JUL 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 INCHES
LREF = 474.8000 INCHES YMRP = .0000 INCHES
BREF = 936.8000 INCHES ZMRP = 375.0000 INCHES
SCALE = .0300

PARAMETRIC DATA

ALPHA = 15.000 BDFLAP = -11.700
ELEVON = .000 AILRON = .000
RUDDER = .000 SPDBRK = 85.000

RN/L = 1.85 GRADIENT INTERVAL = -5.00/ 5.00

MACH = .260

BETA	CHSBUL	CHSBUR	CHSBLR	CHSBLL	CHR	CHEI	CHEO	CHETOT	CHBF
-10.132	.00000	.00000	.00000	.00000	.00000	.01380	-.01019	.00361	-.06184
-8.104	.00000	.00000	.00000	.00000	.00000	.01284	-.01075	.00208	-.05437
-6.101	.00000	.00000	.00000	.00000	.00000	.01378	-.01117	.00261	-.04560
-4.058	.00000	.00000	.00000	.00000	.00000	.01582	-.01259	.00323	-.03693
-2.021	.00000	.00000	.00000	.00000	.00000	.01844	-.01331	.00512	-.03820
.007	.00000	.00000	.00000	.00000	.00000	.02128	-.01351	.00777	-.03637
2.020	.00000	.00000	.00000	.00000	.00000	.02183	-.01416	.00767	-.03484
4.053	.00000	.00000	.00000	.00000	.00000	.02211	-.01509	.00702	-.03075
6.095	.00000	.00000	.00000	.00000	.00000	.02525	-.01537	.00988	-.03305
8.104	.00000	.00000	.00000	.00000	.00000	.02758	-.01594	.01163	-.05127
10.122	.00000	.00000	.00000	.00000	.00000	.02934	-.01693	.01241	-.05150
GRADIENT	.00000	.00000	.00000	.00000	.00000	.00079	-.00029	.00050	.00097

OA37 B26 C9 F9 M7 W116 E37 V8 R13 (BF2103) (01 JUL 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 INCHES
LREF = 474.8000 INCHES YMRP = .0000 INCHES
BREF = 936.8000 INCHES ZMRP = 375.0000 INCHES
SCALE = .0300

PARAMETRIC DATA

ALPHA = 20.000 BDFLAP = -11.700
ELEVON = .000 AILRON = .000
RUDDER = .000 SPDBRK = 85.000

RN/L = 1.85 GRADIENT INTERVAL = -5.00/ 5.00

MACH = .260

BETA	CHSBUL	CHSBUR	CHSBLR	CHSBLL	CHR	CHEI	CHEO	CHETOT	CHBF
-10.113	.00000	.00000	.00000	.00000	.00000	-.01372	-.02596	-.03969	-.08760
-8.119	.00000	.00000	.00000	.00000	.00000	-.01521	-.02287	-.03808	-.08005
-6.071	.00000	.00000	.00000	.00000	.00000	-.01698	-.02250	-.03948	-.06875
-4.059	.00000	.00000	.00000	.00000	.00000	-.01480	-.02393	-.03873	-.05805
-2.019	.00000	.00000	.00000	.00000	.00000	-.01536	-.02715	-.04251	-.06168
-.018	.00000	.00000	.00000	.00000	.00000	-.01589	-.03118	-.04708	-.06393
2.015	.00000	.00000	.00000	.00000	.00000	-.01397	-.03394	-.04791	-.06161
4.044	.00000	.00000	.00000	.00000	.00000	-.00987	-.03718	-.04705	-.05477
6.076	.00000	.00000	.00000	.00000	.00000	-.00863	-.04019	-.04883	-.05677
8.115	.00000	.00000	.00000	.00000	.00000	-.00999	-.04442	-.05442	-.07256
10.114	.00000	.00000	.00000	.00000	.00000	-.00877	-.04618	-.05495	-.07853
GRADIENT	.00000	.00000	.00000	.00000	.00000	.00056	-.00164	-.00109	.00033

OA37 B26 C9 F9 M7 W116 E39 V8 R11 (BF2104) (01 JUL 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 INCHES
LREF = 474.8000 INCHES YMRP = .0000 INCHES
BREF = 936.8000 INCHES ZMRP = 375.0000 INCHES
SCALE = .0300

PARAMETRIC DATA

BETA = .000 BDFLAP = -11.700
ELEVON = .000 AILRON = .000
RUDDER = .000 SPDBRK = 25.000

RUN NO. 104/ 0 RN/L = 1.85 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CHSBUL	CHSBUR	CHSBLR	CHSBLL	CHR	CHEI	CHEO	CHETOT	CHBF
.260	-4.171	.00000	.00000	.00000	.00000	.00000	.03564	.02555	.06120	-.00794
.260	-2.114	.00000	.00000	.00000	.00000	.00000	.03578	.02464	.06043	-.01025
.260	-1.089	.00000	.00000	.00000	.00000	.00000	.03668	.02434	.06103	-.00796
.260	-.032	.00000	.00000	.00000	.00000	.00000	.03716	.02395	.06111	-.00820
.260	.940	.00000	.00000	.00000	.00000	.00000	.03762	.02440	.06202	-.00564
.260	2.016	.00000	.00000	.00000	.00000	.00000	.03756	.02457	.06214	-.00512
.260	4.030	.00000	.00000	.00000	.00000	.00000	.03804	.02321	.06126	-.00513
.260	6.122	.00000	.00000	.00000	.00000	.00000	.03563	.01943	.05507	-.00486
.260	8.154	.00000	.00000	.00000	.00000	.00000	.03195	.01403	.04599	-.00692
.260	10.239	.00000	.00000	.00000	.00000	.00000	.02649	.00877	.03526	-.00743
.260	12.266	.00000	.00000	.00000	.00000	.00000	.02079	.00450	.02529	-.01258
.260	14.366	.00000	.00000	.00000	.00000	.00000	.01433	-.00170	.01262	-.01281
.260	16.446	.00000	.00000	.00000	.00000	.00000	.00656	-.00627	.00029	-.01282
.260	18.495	.00000	.00000	.00000	.00000	.00000	-.00288	-.00740	-.01028	-.01742
.260	20.580	.00000	.00000	.00000	.00000	.00000	-.00920	-.01374	-.02294	-.02640
.260	22.641	.00000	.00000	.00000	.00000	.00000	-.00836	-.02046	-.02882	-.03555
.260	24.706	.00000	.00000	.00000	.00000	.00000	-.02795	-.02848	-.05643	-.04551
.260	26.750	.00000	.00000	.00000	.00000	.00000	-.03200	-.03147	-.06347	-.05206
.260	28.768	.00000	.00000	.00000	.00000	.00000	-.03183	-.03094	-.06278	-.05992
.260	30.700	.00000	.00000	.00000	.00000	.00000	-.02496	-.01894	-.04391	-.04582
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00033	-.00022	.00011	.00055

OA37 B26 C9 F9 M7 W116 E39 V8 R11 (BF2103) (01 JUL 74)

REFERENCE DATA

SREF = 2699.0000 Sq.FT. XMRP = 1076.7000 INCHES
LREF = 474.8000 INCHES YMRP = .0000 INCHES
BREF = 936.8000 INCHES ZMRP = 375.0000 INCHES
SCALE = .0300

PARAMETRIC DATA

BETA = .000 BDFLAP = -11.700
ELEVON = -20.000 AILRON = .000
RUDDER = .000 SPDBRK = 25.000

RUN NO. 105/ 0 RN/L = 1.85 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CHSBUL	CHSBUR	CHSBLR	CHSBLL	CHR	CHEI	CHEO	CHETOT	CHBF
.260	-4.364	.00000	.00000	.00000	.00000	.00000	.09640	.09039	.18680	.02229
.260	-2.301	.00000	.00000	.00000	.00000	.00000	.09680	.08054	.17735	.02357
.260	-1.260	.00000	.00000	.00000	.00000	.00000	.09460	.07641	.17102	.02353
.260	-.218	.00000	.00000	.00000	.00000	.00000	.09418	.07343	.16761	.02407
.260	.766	.00000	.00000	.00000	.00000	.00000	.09423	.07107	.16531	.02255
.260	1.812	.00000	.00000	.00000	.00000	.00000	.09074	.06771	.15846	.02406
.260	3.869	.00000	.00000	.00000	.00000	.00000	.09957	.06862	.16819	.02537
.260	5.920	.00000	.00000	.00000	.00000	.00000	.10091	.06768	.16860	.02459
.260	7.938	.00000	.00000	.00000	.00000	.00000	.09973	.06498	.16471	.02384
.260	10.038	.00000	.00000	.00000	.00000	.00000	.09690	.06196	.15886	.02356
.260	12.097	.00000	.00000	.00000	.00000	.00000	.09479	.05588	.15067	.02277
.260	14.129	.00000	.00000	.00000	.00000	.00000	.09571	.04906	.14478	.02174
.260	16.220	.00000	.00000	.00000	.00000	.00000	.09418	.04251	.13670	.01408
.260	18.274	.00000	.00000	.00000	.00000	.00000	.09460	.03663	.13123	.00460
.260	20.333	.00000	.00000	.00000	.00000	.00000	.09270	.03586	.12856	.00281
.260	22.401	.00000	.00000	.00000	.00000	.00000	.08873	.03241	.12114	-.00128
.260	24.478	.00000	.00000	.00000	.00000	.00000	.07741	.02977	.10718	-.00434
.260	26.543	.00000	.00000	.00000	.00000	.00000	.06455	.02275	.08730	-.01482
.260	28.586	.00000	.00000	.00000	.00000	.00000	.05583	.01904	.07488	-.01738
.260	30.579	.00000	.00000	.00000	.00000	.00000	.05182	.02013	.07196	-.02936
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	-.00274	-.00273	.00029

OA37 B26 C9 F9 H7 W116 E39 V8 R11 (BF2106) (01 JUL 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 INCHES
LREF = 474.8000 INCHES YMRP = .0000 INCHES
BREF = 936.8000 INCHES ZMRP = 375.0000 INCHES
SCALE = .0300

PARAMETRIC DATA

BETA = .000 BDFLAP = -11.700
ELEVON = -40.000 AILRON = .000
RUDDER = .000 SPOBRK = 25.000

RUN NO. 106/ 0 RN/L = 1.85 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CHSBUL	CHSBUR	CHSBLR	CHSBLL	CHR	CHEI	CHEO	CHETOT	CHBF
.260	-4.370	.00000	.00000	.00000	.00000	.00000	.22004	.11219	.33224	.02687
.260	-2.302	.00000	.00000	.00000	.00000	.00000	.22319	.11079	.33398	.02765
.260	-1.274	.00000	.00000	.00000	.00000	.00000	.22550	.10896	.33447	.02738
.260	-.217	.00000	.00000	.00000	.00000	.00000	.22007	.10667	.32674	.02658
.260	.770	.00000	.00000	.00000	.00000	.00000	.22121	.10724	.32845	.02587
.260	1.837	.00000	.00000	.00000	.00000	.00000	.21422	.10513	.31936	.02507
.260	3.855	.00000	.00000	.00000	.00000	.00000	.21437	.11265	.32703	.02459
.260	5.947	.00000	.00000	.00000	.00000	.00000	.20647	.10845	.31492	.02355
.260	8.009	.00000	.00000	.00000	.00000	.00000	.20652	.10152	.30805	.02511
.260	10.043	.00000	.00000	.00000	.00000	.00000	.20620	.10038	.30658	.02299
.260	12.120	.00000	.00000	.00000	.00000	.00000	.21065	.09008	.30073	.02356
.260	14.137	.00000	.00000	.00000	.00000	.00000	.21316	.07948	.29265	.01789
.260	16.227	.00000	.00000	.00000	.00000	.00000	.21530	.07448	.28979	.02100
.260	18.273	.00000	.00000	.00000	.00000	.00000	.21928	.06809	.28737	.01659
.260	20.366	.00000	.00000	.00000	.00000	.00000	.22666	.06832	.29498	.01176
.260	22.419	.00000	.00000	.00000	.00000	.00000	.22897	.06826	.29723	.00587
.260	24.479	.00000	.00000	.00000	.00000	.00000	.22314	.06602	.28917	.00076
.260	26.537	.00000	.00000	.00000	.00000	.00000	.20647	.05855	.26502	-.00255
.260	28.575	.00000	.00000	.00000	.00000	.00000	.17688	.03892	.21581	-.01811
.260	30.595	.00000	.00000	.00000	.00000	.00000	.15374	.03225	.18600	-.02192
	GRADIENT	.00000	.00000	.00000	.00000	.00000	-.00104	-.00026	-.00130	-.00037

OA37 B26 C9 F9 M7 W116E37V8 R5 (RF2001) (01 JUL 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 INCHES
LREF = 474.8000 INCHES YMRP = .0000 INCHES
BREF = 936.8000 INCHES ZMRP = 375.0000 INCHES
SCALE = .0300 SCALE

PARAMETRIC DATA

BETA = .000 BDFLAP = -12.000
ELEVON = .000 AILRON = .000
RUDDER = .000 SPDBRK = 25.000

RUN NO. 1/ 9 RN/L = 1.84 GRADIENT INTERVAL = -6.00/ 6.00

MACH	ALPHA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.259	-4.160	-.26490	.03890	.04920	-.26710	.01960	.00050	-.00110	-.00400	.72000	.03923
.259	-2.120	-.16440	.03230	.04790	-.16550	.02627	.00030	-.00050	.00000	.75800	.03825
.259	-1.100	-.11440	.03070	.04820	-.11500	.02857	.00010	-.00040	.00100	.80600	.03796
.259	-.050	-.06420	.02850	.04850	-.06420	.02845	.00010	-.00030	.00200	.93000	.03823
.259	.950	-.01620	.02860	.04920	-.01570	.02889	.00010	-.00030	.00200	1.80200	.03778
.259	1.970	.02820	.02770	.05010	.02910	.02673	.00010	-.00030	.00300	.01900	.03802
.259	4.050	.12780	.02950	.05090	.12950	.02038	-.00010	-.00050	.00300	.50700	.03790
.259	6.140	.22310	.03540	.04970	.22560	.01133	-.00010	-.00050	.00200	.57000	.03684
.259	8.130	.31920	.04420	.04860	.32230	-.00130	-.00020	-.00060	.00000	.59600	.03653
.259	10.240	.42110	.05840	.04640	.42480	-.01737	.00000	-.00110	-.00100	.61100	.03688
.259	12.310	.51500	.07690	.04700	.51960	-.03471	.00020	-.00130	-.00500	.61800	.03731
.259	14.370	.61870	.10490	.04580	.62540	-.05194	.00020	-.00160	-.00800	.62500	.03788
.259	16.410	.72740	.14190	.04360	.73790	-.06935	.00020	-.00100	-.01200	.63000	.03937
.259	18.460	.84820	.20340	.03330	.86900	-.07574	-.00570	-.00270	-.00400	.63800	.04195
.259	20.570	.94830	.26100	.03180	.97960	-.08895	-.00800	-.00600	.00000	.64000	.04452
.259	22.640	1.03550	.32720	.03440	1.06170	-.09666	-.00390	-.00270	-.00600	.64000	.04663
.259	24.690	1.11760	.41310	.02880	1.18800	-.09159	-.00130	.00190	-.00400	.64300	.05103
.259	26.770	1.17530	.47870	.03900	1.26490	-.10202	-.00130	.00290	-.00900	.64000	.05585
.259	28.770	1.19190	.53910	.05650	1.30420	-.10128	-.00210	.00160	-.00300	.63600	.05978
.259	30.700	1.11040	.56220	.10110	1.24180	-.08364	-.00350	.00580	-.00100	.62200	.06740
	GRADIENT	.04769	-.00113	.00028	.04817	.00010	-.00067	.00007	.00081	-.03098	-.00014

OA37 B26 C9 F9 M7 W116E37V8 R5 (RF2002) (01 JUL 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 INCHES
LREF = 474.8000 INCHES YMRP = .0000 INCHES
BREF = 936.8000 INCHES ZMRP = 375.0000 INCHES
SCALE = .0300 SCALE

PARAMETRIC DATA

ALPHA = .000 BDFLAP = -12.000
ELEVON = .000 AILRON = .000
RUDDER = .000 SPDBRK = 25.000

RUN NO. 2/ 0 RN/L = 1.84 GRADIENT INTERVAL = -6.00/ 6.00

MACH	BETA	CL	CDF	CLN	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.259	-10.090	-.04830	.01900	.03650	-.04830	.01902	-.01100	.00650	.17200	.92900	.04265
.259	-8.070	-.05040	.02240	.03950	-.05040	.02241	-.00900	.00550	.13900	.94000	.04154
.259	-6.050	-.05490	.02530	.04210	-.05490	.02534	-.00640	.00410	.10300	.93400	.03989
.259	-4.000	-.05960	.02500	.04440	-.05960	.02501	-.00380	.00250	.06800	.92600	.04113
.259	-2.020	-.06070	.02690	.04740	-.06070	.02693	-.00140	.00080	.03400	.93900	.03972
.259	-.020	-.06290	.02830	.04830	-.06290	.02832	.00010	-.00040	.00000	.93490	.03800
.259	2.030	-.06110	.02870	.04760	-.06110	.02869	.00160	-.00150	-.03100	.93800	.03703
.259	4.050	-.05950	.02590	.04610	-.05960	.02591	.00350	-.00310	-.06500	.93700	.03910
.259	6.080	-.05780	.02400	.04370	-.05780	.02400	.00650	-.00480	-.10100	.93000	.03966
.259	8.090	-.05400	.02090	.04150	-.05400	.02095	.00890	-.00600	-.13600	.93400	.04191
.259	10.110	-.05020	.01750	.03920	-.05020	.01752	.01080	-.00670	-.17000	.93900	.04292
	GRADIENT	-.00001	.00018	.00018	-.00002	.00017	.00087	-.00067	-.01642	.00104	-.00033

OA37 B26 C9 F9 M7 W116E37V8 R5 (RF2003) (01 JUL 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 INCHES
LREF = 474.8000 INCHES YMRP = .0000 INCHES
BREF = 936.8000 INCHES ZMRP = 375.0000 INCHES
SCALE = .0300 SCALE

PARAMETRIC DATA

ALPHA = 10.000 BDFLAP = -12.000
ELEVON = .000 AILRON = .000
RUDDER = .000 SPDBRK = 25.000

RUN NO. 3/ 0 RN/L = 1.84 GRADIENT INTERVAL = -6.00/ 6.00

MACH	BETA	CL	CDF	CLN	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.259	-10.060	.42800	.05170	.03810	.43040	-.02530	-.01210	.02160	.16700	.61900	.04558
.259	-8.090	.42430	.05410	.04050	.42720	-.02220	-.00930	.01680	.13300	.61700	.04255
.259	-6.020	.42520	.05710	.04280	.42860	-.01950	-.00650	.01200	.09800	.61500	.03924
.259	-4.010	.42320	.05800	.04449	.42680	-.01817	-.00380	.00710	.06300	.61300	.03755
.259	-2.030	.42380	.05840	.04610	.42740	-.01788	-.00190	.00260	.03000	.61200	.03731
.259	.000	.42280	.05920	.04610	.42660	-.01703	.00000	-.00140	-.00300	.61200	.03591
.259	2.020	.42050	.05840	.04580	.42420	-.01733	.00180	-.00510	-.03600	.61200	.03611
.259	4.060	.42380	.05710	.04440	.42720	-.01926	.00430	-.00920	-.07200	.61300	.03788
.259	6.100	.42170	.05630	.04270	.42500	-.01968	.00700	-.01400	-.10700	.61500	.03860
.259	8.100	.42590	.05290	.04060	.42850	-.02375	.00980	-.01850	-.14300	.61700	.04219
.259	10.120	.42470	.05120	.03980	.42710	-.02512	.01250	-.02320	-.17700	.61700	.04431
	GRADIENT	-.00010	-.00009	-.00002	-.00012	-.00008	.00099	-.00200	-.01664	.00000	-.00003

OA37 B26 C9 F9 M7 W116E37V8 R5 (RF2004) (01 JUL 74)

REFERENCE DATA

SREF =	2690.0000 SQ.FT.	XMRP =	1076.7000 INCHES		
LREF =	474.6000 INCHES	YMRP =	.0000 INCHES		
BREF =	936.6000 INCHES	ZMRP =	375.0000 INCHES		
SCALE =	.0300 SCALE				

PARAMETRIC DATA

ALPHA =	15.000	BDFLAP =	-12.000
ELEVON =	.000	AILRON =	.000
RUDDER =	.000	SPDBRK =	25.000

RUN NO. 4/ 0 RN/L = 1.84 GRADIENT INTERVAL = -6.00/ 6.00

MACH	BETA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.259	-10.080	.69030	.11850	.03130	.69700	-.06868	-.01240	.02920	.16100	.63500	.04759
.259	-8.090	.68600	.11980	.03470	.69320	-.06636	-.00900	.02260	.12600	.63300	.04418
.259	-6.070	.67900	.12260	.04020	.68720	-.06177	-.00640	.01620	.09000	.63000	.03964
.259	-4.010	.67990	.12370	.04230	.68840	-.06098	-.00440	.01000	.05700	.62900	.03914
.259	-2.020	.67850	.12390	.04360	.68710	-.06035	-.00210	.00360	.02200	.62800	.03870
.259	.000	.68000	.12500	.04470	.68880	-.05976	.00010	-.00130	-.01100	.62800	.03884
.259	2.030	.68100	.12590	.04490	.69010	-.05910	.00240	-.00660	-.04500	.62800	.03816
.259	4.090	.68290	.12480	.04290	.69160	-.06067	.00500	-.01330	-.07900	.62900	.03826
.259	6.100	.68610	.12400	.03910	.69440	-.06228	.00770	-.01960	-.11500	.63100	.03864
.259	8.090	.69360	.12080	.03380	.70080	-.06741	.01070	-.02590	-.15000	.63400	.04378
.259	10.120	.69760	.12010	.02910	.70450	-.06918	.01330	-.03210	-.18400	.63600	.04678
	GRADIENT	.00042	.00021	.00012	.00047	.00009	.00115	-.00281	-.01674	.00000	-.00011

OA37 B26 C9 F9 M7 W116E37V8 R5 (RF2005) (01 JUL 74)

REFERENCE DATA

SREF =	2690.0000 SQ.FT.	XMRP =	1076.7000 INCHES		
LREF =	474.6000 INCHES	YMRP =	.0000 INCHES		
BREF =	936.6000 INCHES	ZMRP =	375.0000 INCHES		
SCALE =	.0300 SCALE				

PARAMETRIC DATA

ALPHA =	20.000	BDFLAP =	-12.000
ELEVON =	.000	AILRON =	.000
RUDDER =	.000	SPDBRK =	25.000

RUN NO. 5/ 0 RN/L = 1.84 GRADIENT INTERVAL = -6.00/ 6.00

MACH	BETA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.259	-10.130	.94170	.26530	.00970	.97490	-.08260	-.02310	.02800	.17900	.64800	.05127
.259	-8.110	.94060	.26670	.01410	.97440	-.08085	-.01900	.02170	.14100	.64600	.04835
.259	-6.110	.93870	.26780	.02380	.97290	-.07920	-.01640	.01580	.10700	.64300	.04375
.259	-4.020	.93280	.26760	.02990	.96740	-.07725	-.01340	.00840	.07300	.64000	.04169
.259	-2.060	.94020	.27000	.02980	.97510	-.07767	-.00900	.00120	.03300	.64000	.04374
.259	-.030	.93880	.26730	.03080	.97290	-.07982	-.00420	-.00440	-.00500	.64000	.04303
.259	1.990	.94240	.26490	.03090	.97530	-.08325	.00010	-.00890	-.04300	.64000	.04403
.259	4.010	.94330	.26330	.03220	.97570	-.08510	.00440	-.01460	-.08300	.63900	.04279
.259	6.060	.94890	.26250	.02750	.98060	-.08779	.00860	-.02020	-.12100	.64100	.04462
.259	8.100	.95410	.26350	.01760	.98590	-.08875	.01220	-.02690	-.15600	.64500	.04545
.259	10.100	.96100	.26380	.00800	.99240	-.09095	.01810	-.03380	-.19600	.64900	.04826
	GRADIENT	.00115	-.00068	.00028	.00083	-.00196	.00222	-.00279	-.01929	-.00010	.00012

OA37 826 C9 F9 M7 W116E37V8 R5 (RF2006) (01 JUL 74)

REFERENCE DATA

SREF = 2690.0000 Sq.FT. XMRP = 1076.7000 INCHES
LREF = 474.8000 INCHES YMRP = .0000 INCHES
BREF = 936.8000 INCHES ZMRP = 375.0000 INCHES
SCALE = .0390 SCALE

PARAMETRIC DATA

BETA = .000 BDFLAP = -12.000
ELEVON = .000 AILRON = .000
RUDDER = .000 SPDBRK = 25.000

RUN NO. 6/ 0 RN/L = 1.84 GRADIENT INTERVAL = -6.00/ 6.00

MACH	ALPHA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.259	-4.170	-.26560	.03910	.04860	-.26780	.01966	.00070	-.00100	-.00600	.71800	.03871
.259	-2.100	-.16110	.03240	.04760	-.16220	.02647	.00040	-.00050	-.00200	.76000	.03860
.259	-1.060	-.10890	.03030	.04750	-.10940	.02834	.00040	-.00040	-.00100	.81100	.03792
.259	-.010	-.06110	.02780	.04800	-.06110	.02778	.00030	-.00030	.00000	.94100	.03869
.259	.960	-.01380	.02890	.04880	-.01330	.02918	.00020	-.00040	.00100	1.99800	.03685
.259	2.010	.03370	.02670	.04980	.03460	.02553	.00020	-.00040	.00100	.12200	.03865
.259	4.080	.13010	.03100	.05020	.13200	.92174	.00010	-.00040	.00000	.51200	.03624
.259	6.140	.22930	.03550	.04970	.23180	.01084	.00000	-.00060	.00000	.57300	.03736
.259	8.190	.32510	.04580	.04760	.32830	-.00096	.00000	-.00080	-.00100	.59800	.03579
.259	10.250	.42380	.05860	.04580	.42740	-.01772	.00030	-.00130	-.00400	.61200	.03679
.259	12.300	.52320	.07930	.04680	.52810	-.03403	.00060	-.00140	-.00900	.61900	.03668
.259	14.370	.62580	.10710	.04590	.63280	-.05155	.00060	-.00160	-.01100	.62500	.03819
.259	16.440	.73220	.14390	.04370	.74300	-.06925	.00060	-.00120	-.01500	.63000	.03926
.259	18.500	.84920	.20530	.03420	.87050	-.07483	-.00550	-.00290	-.00600	.63750	.04132
.259	20.580	.95330	.26360	.03180	.98520	-.08835	-.00760	-.00590	-.00300	.64000	.04413
.259	22.640	1.03780	.32980	.03420	1.08470	-.09511	-.00360	-.00260	-.00900	.64000	.04562
.259	24.680	1.10960	.40980	.03440	1.17940	-.09099	-.00010	.00160	-.01500	.64100	.05120
.259	26.740	1.17750	.47990	.03890	1.26750	-.10129	-.00070	.00270	-.01100	.64000	.05610
.259	28.780	1.18780	.53910	.05960	1.30060	-.09895	-.00230	.00030	-.00200	.63500	.06047
.259	30.710	1.10250	.56140	.10510	1.23460	-.08031	-.00340	.00640	-.00300	.62000	.06715
	GRADIENT	.04782	-.00105	.00028	.04831	.00017	-.00007	.00006	.00074	-.02165	-.00025

OA37 B26 C9 F9 M7 W116E37V8 R5 (RF2007) (01 JUL 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 INCHES
LREF = 474.8000 INCHES YMRP = .0000 INCHES
BREF = 936.8000 INCHES ZMRP = 375.0000 INCHES
SCALE = .0300 SCALE

PARAMETRIC DATA

BETA = .000 BDFLAP = .000
ELEVON = .000 AILRON = .000
RUDDER = .000 SPDBRK = 25.000

RUN NO. 7/ 0 RN/L = 1.84 GRADIENT INTERVAL = -6.00/ 6.00

MACH	ALPHA	CL	COF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.259	-4.170	-.24020	.03710	.03260	-.24220	.01958	.00030	-.00090	-.00500	.70100	.03466
.259	-2.110	-.13710	.03180	.03160	-.13820	.02675	.00010	-.00050	-.00200	.73600	.03339
.259	-1.090	-.08810	.02950	.03140	-.08870	.02734	.00000	-.00030	.00000	.78200	.03462
.259	-.010	-.03630	.02710	.03210	-.03630	.02715	.00000	-.00020	.00000	.97700	.03463
.259	.950	.00990	.02740	.03240	.01030	.02723	.00000	-.00030	.00100	-.50000	.03440
.259	2.030	.05860	.02710	.03300	.05950	.02507	.00009	-.00030	.00100	.44800	.03479
.259	4.090	.15350	.03080	.03220	.15530	.01979	-.00010	-.00040	.00100	.57500	.03348
.259	6.140	.25220	.03640	.03170	.25460	.00925	-.00010	-.00060	.00100	.60600	.03395
.259	8.180	.34740	.04720	.02940	.35050	-.00272	.00000	-.00070	-.00100	.62100	.03276
.259	10.250	.44970	.06140	.02830	.45350	-.01960	.00010	-.00130	-.00300	.62900	.03388
.259	12.300	.54690	.08230	.02810	.55190	-.03603	.00040	-.00140	-.00700	.63300	.03498
.259	14.320	.64910	.11070	.02730	.65630	-.05330	.00040	-.00160	-.01000	.63600	.03720
.259	16.400	.76070	.15050	.02430	.77220	-.07048	.00040	-.00100	-.01400	.64000	.03789
.259	18.510	.87720	.21350	.01400	.89960	-.07613	-.00570	-.00300	-.00500	.64600	.04104
.259	20.530	.97440	.27130	.01170	1.00770	-.08766	-.00800	-.00620	-.00100	.64700	.04300
.259	22.630	1.06250	.33840	.01450	1.11090	-.09651	-.00350	-.00290	-.00800	.64700	.04664
.259	24.690	1.13630	.42090	.01330	1.20830	-.09224	-.00010	.00160	-.01500	.64800	.05179
.259	26.750	1.21100	.49980	.01440	1.30640	-.09892	-.00120	.00300	-.00600	.64800	.05509
.259	28.770	1.22250	.55700	.03490	1.33970	-.10033	-.00170	.00150	-.00500	.64200	.06207
.259	30.720	1.13980	.58010	.07810	1.27620	-.08374	-.00350	.00190	.00200	.62900	.07022
	GRADIENT	.04760	-.00083	.00005	.04857	-.00006	-.00004	.00006	.00071	-.05333	-.00005

OA37 B26 C9 F9 M7 W116E37V8 R5 (RF2006) (01 JUL 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 INCHES
LREF = 474.8000 INCHES YMRP = .0000 INCHES
BREF = 936.8000 INCHES ZMRP = 375.0000 INCHES
SCALE = .0300 SCALE

PARAMETRIC DATA

BETA = .000 BDFLAP = 16.000
ELEVON = .000 AILRON = .000
RUDDER = .000 SPDBRK = 25.000

RUN NO. 8/ 0 RN/L = 1.84 GRADIENT INTERVAL = -6.00/ 6.00

MACH	ALPHA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.259	-4.150	-.19510	.03480	.00300	-.19710	.02065	.00070	-.00100	-.00700	.65700	.03760
.259	-2.100	-.09350	.03050	.00230	-.09460	.02707	.00050	-.00060	-.00300	.66100	.03625
.259	-1.060	-.04330	.02980	.00230	-.04390	.02904	.00020	-.00050	.00000	.67200	.03552
.259	-.010	.00690	.02900	.00190	.00690	.02901	.00020	-.00040	.00000	.54900	.03485
.259	.990	.05340	.02950	.00250	.05390	.02858	.00010	-.00040	.00100	.63500	.03489
.259	2.030	.10280	.03000	.00320	.10380	.02633	.00010	-.00040	.00000	.64000	.03500
.259	4.090	.19830	.03510	.00250	.20030	.02084	.00000	-.00050	.00100	.64700	.03429
.259	6.140	.29670	.04350	.00060	.29970	.01154	.00000	-.00060	.00000	.65100	.03351
.259	8.200	.39300	.05410	-.00180	.39670	-.00248	.00000	-.00090	-.00200	.65300	.03479
.259	10.230	.49310	.07120	-.00480	.49790	-.01747	.00020	-.00140	-.00500	.65500	.03498
.259	12.320	.58980	.09370	-.00470	.59620	-.03434	.00040	-.00130	-.00700	.65500	.03560
.259	14.390	.69220	.12320	-.00490	.70110	-.05262	.00040	-.00150	-.01200	.65400	.03779
.259	16.460	.80400	.16400	-.00830	.81750	-.07055	.00030	-.00120	-.01400	.65500	.04003
.259	18.540	.92160	.22900	-.01890	.94660	-.07594	-.00570	-.00310	-.00700	.65900	.04448
.259	20.590	1.01620	.28920	-.02130	1.05300	-.08675	-.00750	-.00620	-.00400	.65900	.04707
.259	22.650	1.10600	.35970	-.02020	1.15930	-.09400	-.00330	-.00300	-.01000	.65800	.05098
.259	24.700	1.18200	.44480	-.02250	1.25970	-.08982	.00000	.00120	-.01600	.65800	.05731
.259	26.760	1.24850	.52000	-.01810	1.34890	-.09799	-.00090	.00240	-.01200	.65700	.06012
.259	28.770	1.27420	.58740	-.00280	1.39970	-.09856	-.00180	.00210	-.00700	.65200	.06657
.259	30.760	1.19220	.61240	.03780	1.33770	-.08345	-.00460	.00550	.00000	.64100	.07565
	GRADIENT	.04768	-.00000	-.00000	.04817	-.00003	-.00009	.00006	.00090	-.00279	-.00038

OA37 B26 C9 F9 M7 W116E37V8 R5 (RF2009) (01 JUL 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 INCHES
LREF = 474.8000 INCHES YMRP = .0000 INCHES
BREF = 936.8000 INCHES ZMRP = 375.0000 INCHES
SCALE = .0300 SCALE

PARAMETRIC DATA

BETA = .000 BDFLAP = 16.000
ELEVON = 15.000 AILRON = .000
RUDDER = .000 SPDBRK = 25.000

RUN NO. 9/ 0 RN/L = 1.84 GRADIENT INTERVAL = -6.00/ 6.00

MACH	ALPHA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.259	-4.010	.06840	.03600	-.12350	.06570	.04073	.00100	-.00180	-.00600	1.34400	.03997
.259	-1.950	.17140	.03890	-.12540	.17000	.04479	.00070	-.00170	-.00100	.92300	.04087
.259	-.940	.22310	.04220	-.12660	.22240	.04592	.00070	-.00160	.00000	.86100	.04007
.259	.100	.27570	.04640	-.12690	.27580	.04592	.00060	-.00180	.00200	.82100	.03983
.259	1.090	.32230	.05070	-.12760	.32320	.04458	.00040	-.00190	.00300	.79700	.03989
.259	2.150	.36830	.05670	-.12700	.37020	.04288	.00050	-.00190	.00300	.77800	.03884
.259	4.210	.45940	.06870	-.12750	.46320	.03474	.00050	-.00200	.00200	.75300	.03913
.259	6.260	.55830	.08610	-.13130	.56440	.02472	.00030	-.00200	.00000	.73700	.03878
.259	8.330	.66140	.10780	-.13540	.67010	.01075	.00030	-.00240	.00000	.72600	.03942
.259	10.390	.76890	.13640	-.14270	.78090	-.00455	.00030	-.00230	-.00100	.71900	.04015
.259	12.460	.86970	.16880	-.14350	.88570	-.02286	.00080	-.00230	-.00800	.71100	.04104
.259	14.520	.97110	.21020	-.14360	.99280	-.04003	.00120	-.00240	-.01300	.70500	.04203
.259	16.530	1.07490	.25880	-.14540	1.10410	-.05781	.00110	-.00140	-.01500	.70000	.04422
.259	18.660	1.17830	.33530	-.15070	1.22370	-.05935	-.00720	-.00560	.00000	.69700	.04713
.259	20.720	1.25320	.40960	-.14900	1.31710	-.06025	-.00290	-.00440	-.00900	.69300	.05191
.259	22.770	1.33260	.49680	-.15010	1.42100	-.05779	.00140	-.00010	-.01800	.69100	.05764
.259	24.820	1.38810	.57320	-.14030	1.50050	-.06246	.00060	.00200	-.01700	.68600	.06158
.259	26.850	1.41390	.64300	-.11800	1.55190	-.06502	.00210	.00610	-.02400	.68000	.06757
.259	28.820	1.34440	.65900	-.06700	1.49560	-.07080	-.00350	.00250	-.00100	.66800	.07983
.259	30.790	1.23580	.67360	-.01900	1.40650	-.05402	-.00490	.00360	.00500	.65700	.08754
	GRADIENT	.04771	.00406	-.00047	.04850	-.00068	-.00006	-.00003	.00100	-.06300	-.00018

OA37 B26 C9 F9 H7 W116E37V8 R5 (RF2010) (01 JUL 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 INCHES
LREF = 474.6000 INCHES YMRP = .0000 INCHES
BREF = 936.8000 INCHES ZMRP = 375.0000 INCHES
SCALE = .0300 SCALE

PARAMETRIC DATA

BETA = .000 BDFLAP = -12.000
ELEVON = 15.000 AILRON = .000
RUDDER = .000 SPDBRK = 25.000

RUN NO. 10/ 0 RN/L = 1.84 GRADIENT INTERVAL = -6.00/ 6.00

MACH	ALPHA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.259	-4.010	.02280	.03860	-.08830	.02000	.04016	.00120	-.00190	-.00700	2.27300	.04580
.259	-1.960	.12120	.04050	-.08900	.11980	.04468	.00110	-.00180	-.00300	.92500	.04539
.259	-.930	.17630	.04220	-.09050	.17560	.04516	.00090	-.00180	.00000	.84100	.04587
.259	.120	.22840	.04650	-.09030	.22850	.04603	.00070	-.00190	.00000	.79700	.04465
.259	1.120	.27510	.04910	-.09010	.27600	.04376	.00080	-.00200	.00100	.77200	.04556
.259	2.180	.32150	.05480	-.09040	.32340	.04253	.00060	-.00200	.00100	.75500	.04399
.259	4.220	.41260	.06530	-.08860	.41630	.03479	.00060	-.00220	.00100	.73000	.04371
.259	6.280	.50780	.08020	-.09020	.51360	.02418	.00040	-.00210	.00000	.71600	.04356
.259	8.340	.60410	.09900	-.09330	.61210	.01035	.00030	-.00250	-.00200	.70800	.04340
.259	10.380	.70720	.12380	-.09610	.71790	-.00572	.00060	-.00260	-.00600	.70100	.04363
.259	12.450	.81540	.15680	-.10030	.83000	-.02267	.00110	-.00250	-.00900	.69690	.04404
.259	14.540	.91580	.19470	-.10170	.93540	-.04147	.00130	-.00250	-.01300	.69200	.04537
.259	16.590	1.01940	.24170	-.10190	1.04600	-.05939	.00130	-.00190	-.01700	.68800	.04612
.259	18.660	1.12300	.31380	-.10720	1.16440	-.06211	-.00700	-.00620	-.00300	.68600	.04921
.259	20.720	1.19790	.38500	-.10260	1.25660	-.06373	-.00260	-.00480	-.01100	.68200	.05318
.259	22.780	1.27250	.46750	-.10270	1.35420	-.06176	.00200	.00020	-.02100	.68000	.05883
.259	24.820	1.31820	.53750	-.08950	1.42210	-.06559	.00130	.00300	-.02100	.67500	.06274
.259	26.840	1.34280	.60230	-.06510	1.47010	-.06909	.00210	.00570	-.02400	.66800	.06874
.259	28.840	1.27440	.61580	-.01210	1.41340	-.07524	-.00320	.00320	-.00500	.65500	.07682
.259	30.780	1.16150	.62390	.04350	1.31710	-.05852	-.00440	.00690	-.00200	.63900	.08428
	GRADIENT	.04760	.00329	-.00008	.04839	-.00063	-.00008	-.00004	.00095	-.15207	-.00027

OA37 B26 C9 F9 M7 W116E37V8 R5 (RF2011) (01 JUL 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 INCHES
LREF = 474.8000 INCHES YMRP = .0000 INCHES
BREF = 936.8000 INCHES ZMRP = 375.0000 INCHES
SCALE = .0300 SCALE

PARAMETRIC DATA

BETA = .000 BDFLAP = -12.000
ELEVON = -10.000 AILRON = .000
RUDDER = .000 SPDBRK = 25.000

RUN NO. 11/ 0 RN/L = 1.84 GRADIENT INTERVAL = -6.00/ 6.00

MACH	ALPHA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.259	-4.270	-.44870	.06220	.13260	-.45210	.02860	-.00010	-.00280	-.00500	.76000	.03303
.259	-2.200	-.34470	.05020	.13080	-.34630	.03694	-.00020	-.00210	.00000	.79100	.03194
.259	-1.170	-.29510	.04470	.13090	-.29600	.03868	-.00030	-.00170	.00000	.81490	.03255
.259	-.100	-.23970	.04120	.12940	-.23980	.04081	-.00060	-.00120	.00500	.85000	.03169
.259	.870	-.19700	.03750	.13270	-.19640	.04054	-.00040	-.00130	.00200	.90000	.03202
.259	1.920	-.15800	.03330	.13650	-.15680	.03866	-.00050	-.00140	.00300	.97200	.03213
.259	3.990	-.06560	.03030	.13880	-.06330	.03486	-.00050	-.00080	.00100	1.45800	.03092
.259	6.030	.02730	.02910	.14050	.03030	.02612	-.00060	-.00090	.00100	-1.05400	.03122
.259	8.090	.11930	.03090	.14170	.12250	.01382	-.00060	-.00130	.00000	.22600	.03083
.259	10.150	.21370	.03840	.14160	.21710	.00013	-.00040	-.00150	-.00100	.41200	.03026
.259	12.200	.31070	.04960	.14240	.31410	-.01719	.00000	-.00190	-.00600	.48500	.03184
.259	14.260	.41340	.07150	.14160	.41830	-.03258	.00000	-.00190	-.00900	.52700	.03207
.259	16.330	.52290	.09980	.14100	.52990	-.05129	-.00020	-.00210	-.01200	.55400	.03405
.259	18.400	.63180	.14840	.13400	.64630	-.05864	-.00370	-.00250	-.00900	.57500	.03540
.259	20.480	.73870	.20080	.13110	.76230	-.07036	-.00640	-.00480	-.00500	.58800	.03762
.259	22.530	.83660	.25110	.13350	.86900	-.08859	-.00600	-.00520	-.00600	.59500	.04044
.259	24.590	.91750	.31550	.13500	.96560	-.09504	-.00380	-.00200	-.00900	.60000	.04409
.259	26.650	.99580	.39250	.13380	1.06600	-.09589	-.00030	.00290	-.01500	.60500	.04955
.259	28.690	1.03710	.46100	.14070	1.13110	-.09358	-.00280	.00130	-.00600	.60600	.05195
.259	30.870	1.01690	.50670	.16550	1.13310	-.08294	-.00530	.00220	.00400	.59800	.05962
	GRADIENT	.04626	-.00389	.00087	.04695	.00070	-.00005	.00023	.00074	.07478	-.00020

OA37 B26 C9 F9 M7 W116E37V8 R5 (RF2012) (01 JUL 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 INCHES
LREF = 474.8000 INCHES YMRP = .0000 INCHES
BREF = 936.8000 INCHES ZMRP = 375.0000 INCHES
SCALE = .0300 SCALE

PARAMETRIC DATA

BETA = .000 BDFLAP = -12.000
ELEVON = -20.000 AILRON = .000
RUDDER = .000 SPDBRK = 25.000

RUN NO. 12/ 0 RN/L = 1.84 GRADIENT INTERVAL = -6.00/ 6.00

MACH	ALPHA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.259	-4.310	-.57650	.09810	.19160	-.58230	.05448	-.00040	-.00520	-.00400	.77300	.03087
.259	-2.270	-.46830	.08140	.18740	-.47120	.06284	-.00060	-.00490	.00000	.79800	.03047
.259	-1.220	-.41790	.07370	.18680	-.41940	.06477	-.00070	-.00480	.00100	.81600	.03069
.259	-.160	-.36570	.06740	.18620	-.36590	.06642	-.00070	-.00440	.00200	.83900	.02974
.259	.810	-.31980	.06190	.18670	-.31890	.06654	-.00090	-.00420	.00300	.86700	.03073
.259	1.880	-.27370	.05700	.18730	-.27170	.06601	-.00090	-.00440	.00300	.90500	.03005
.259	3.920	-.18880	.05080	.19150	-.18480	.06366	-.00120	-.00480	.00400	1.03300	.02918
.259	5.970	-.09730	.04570	.19180	-.09210	.05562	-.00119	-.00460	.00300	1.41800	.02959
.259	8.040	-.00620	.04300	.19540	-.00010	.04346	-.00120	-.00430	.00150	32.76700	.03029
.259	10.080	.08310	.04590	.19690	.08990	.03061	-.00120	-.00400	.00000	-.15300	.02905
.259	12.150	.17200	.05090	.19810	.17890	.01354	-.00070	-.00390	-.00400	.24400	.02973
.259	14.200	.27320	.06650	.20170	.28120	-.00255	-.00080	-.00370	-.00600	.38800	.03100
.259	16.260	.36700	.08630	.20640	.37650	-.01994	-.00090	-.00300	-.00900	.45000	.03250
.259	18.320	.46340	.11520	.21070	.47610	-.03632	-.00090	-.00280	-.01100	.48900	.03428
.259	20.380	.55670	.16260	.21150	.57850	-.04146	-.00490	-.00340	-.00800	.51700	.03657
.259	22.430	.65120	.21000	.21290	.68200	-.05437	-.00580	-.00420	-.00400	.53700	.03756
.259	24.500	.73650	.26260	.21610	.78090	-.06735	-.00320	-.00210	-.01000	.55000	.04095
.259	26.570	.81480	.32180	.21430	.87270	-.07662	-.00469	.00060	-.00600	.56100	.04391
.259	28.610	.87070	.39540	.21790	.95370	-.06990	-.00430	.00030	-.00200	.56800	.04805
.259	30.640	.89660	.45680	.22830	1.00420	-.06398	-.00390	.00080	.00300	.56800	.05454
	GRADIENT	.04610	-.00500	.00024	.04718	.00005	-.00008	.00005	.00065	.05585	-.00013

OA37 B26 C9 F9 M7 W116E37V8 R5 (RF2013) (01 JUL 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 INCHES
LREF = 474.8000 INCHES YMRP = .0000 INCHES
BREF = 936.8000 INCHES ZMRP = 375.0000 INCHES
SCALE = .0300 SCALE

PARAMETRIC DATA

BETA = .000 BOFLAP = .000
ELEVON = -20.000 AILRON = .000
RUDDER = .000 SPDBRK = 25.000

RUN NO. 13/ 0 RN/L = 1.84 GRADIENT INTERVAL = -6.00/ 6.00

MACH	ALPHA	CL	CDF	CLN	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.259	-4.290	-.54840	.09370	.17110	-.55390	.05233	-.00080	-.00490	-.00200	.76500	.03055
.259	-2.250	-.44090	.07640	.16790	-.44360	.05910	-.00090	-.00460	.00100	.79100	.03132
.259	-1.210	-.38840	.07070	.16630	-.38980	.06248	-.00100	-.00410	.00300	.80900	.03004
.259	-.160	-.33980	.06390	.16660	-.33990	.06298	-.00120	-.00390	.00400	.83200	.03064
.259	.840	-.29150	.05940	.16670	-.29060	.06379	-.00110	-.00390	.00500	.86300	.03067
.259	1.910	-.24530	.05410	.16820	-.24340	.06233	-.00120	-.00440	.00500	.90600	.03105
.259	3.910	-.15670	.04870	.17140	-.15300	.05933	-.00140	-.00430	.00600	1.06400	.03108
.259	6.000	-.06490	.04470	.17190	-.05990	.05133	-.00140	-.00420	.00500	1.70700	.03102
.259	8.060	.02620	.04390	.17400	.03210	.03984	-.00150	-.00410	.00300	-1.34000	.03129
.259	10.100	.11750	.04630	.17570	.12380	.02498	-.00130	-.00370	.00100	.12900	.03284
.259	12.160	.20970	.05460	.17610	.21650	.00920	-.00090	-.00360	-.00100	.35200	.03305
.259	14.220	.30550	.06860	.17870	.31300	-.00848	-.00100	-.00370	-.00500	.44100	.03477
.259	16.280	.39930	.09270	.18340	.40930	-.02292	-.00110	-.00280	-.00700	.48700	.03520
.259	18.340	.49390	.12150	.18720	.50700	-.04012	-.00090	-.00250	-.01000	.51600	.03776
.259	20.410	.59160	.17360	.18640	.61500	-.04363	-.00500	-.00320	-.00500	.54000	.04079
.259	22.450	.68810	.22000	.18870	.72000	-.05952	-.00570	-.00410	-.00400	.55500	.04385
.259	24.530	.77740	.27740	.18870	.82240	-.07044	-.00350	-.00160	-.00700	.56700	.04605
.259	26.580	.85120	.34550	.18560	.91590	-.07184	-.00200	.00210	-.00800	.57700	.04921
.259	28.630	.92140	.41730	.18720	1.00880	-.07531	-.00380	.00230	-.00200	.58300	.05408
.259	30.650	.94270	.47920	.19880	1.05530	-.06837	-.00430	.00140	.00500	.58200	.06149
	GRADIENT	.04659	-.00465	.00028	.04761	-.00015	-.00006	.00005	.00068	.07830	.00005

OA37 B26 C9 F9 W7 W11GE37V8 R5 (RF2016) (01 JUL 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1078.7000 INCHES
LREF = 474.8000 INCHES YMRP = .0000 INCHES
BREF = 936.8000 INCHES ZMRP = 375.0000 INCHES
SCALE = .0300 SCALE

PARAMETRIC DATA

BETA = .000 BDFLAP = -12.000
ELEVON = .000 AILRON = .000
RUDDER = .000 SFDBRK = 25.000

RUN NO. 16/ 0 RN/L = 1.84 GRADIENT INTERVAL = -6.00/ 6.00

MACH	ALPHA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.259	-4.160	-.26250	.03950	.04850	-.26470	.02041	.00080	-.00120	-.00700	.71900	.03719
.259	-2.110	-.16090	.03230	.04750	-.16200	.02636	.00060	-.00060	-.00300	.76000	.03733
.259	-1.090	-.11190	.02960	.04750	-.11240	.02745	.00050	-.00050	-.00200	.80700	.03821
.259	-.020	-.06060	.02840	.04800	-.06060	.02843	.00040	-.00060	.00000	.94300	.03690
.259	.960	-.01470	.02740	.04910	-.01430	.02771	.00030	-.00050	.00000	1.91400	.03776
.259	1.970	.03020	.02720	.04960	.03110	.02618	.00020	-.00060	.00000	.06500	.03694
.259	4.070	.12840	.02920	.05020	.13020	.02010	.00000	-.00050	.00000	.51000	.03757
.259	6.090	.22280	.03570	.04960	.22540	.01188	.00000	-.00070	.00000	.57100	.03620
.259	8.200	.32130	.04400	.04790	.32430	-.00223	.00000	-.00100	-.00200	.59700	.03623
.259	10.200	.42040	.05810	.04580	.42400	-.01725	.00020	-.00170	-.00400	.61200	.03597
.259	12.310	.51930	.07830	.04610	.52400	-.03425	.00070	-.00150	-.00900	.61900	.03605
.259	14.370	.61930	.10510	.04610	.62600	-.05190	.00080	-.00160	-.01200	.62500	.03778
.259	16.450	.73000	.14240	.04290	.74050	-.07014	.00090	-.00130	-.01500	.63000	.03938
.259	18.510	.84450	.20220	.03370	.86500	-.07634	-.00500	-.00310	-.00700	.63700	.04131
.259	20.580	.94490	.25890	.03310	.97560	-.08982	-.00710	-.00650	-.00400	.63900	.04433
.259	22.610	1.03170	.32520	.03560	1.07750	-.09652	-.00280	-.00340	-.01000	.63900	.04605
.259	24.690	1.10300	.40360	.03560	1.17080	-.09412	.00020	.00050	-.01700	.64000	.05214
.259	26.750	1.16950	.47330	.04050	1.25740	-.10379	.00000	.00290	-.01500	.64000	.05671
.259	28.760	1.18500	.53130	.05810	1.29440	-.10439	-.00140	.00170	-.00800	.63500	.06081
.259	30.730	1.08620	.54980	.11080	1.21460	-.08258	-.00390	-.00140	.00800	.61800	.07194
	GRADIENT	.04737	-.00124	.00029	.04785	-.00003	-.00010	.00006	.00083	-.02577	.00001

OA37 B26 C9 F9 M7 W116E37V8 R5 (RF2017) (01 JUL 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 INCHES
LREF = 474.8000 INCHES YMRP = .0000 INCHES
BREF = 936.8000 INCHES ZMRP = 375.0000 INCHES
SCALE = .0300 SCALE

PARAMETRIC DATA

BETA = .000 BDFLAP = -12.000
ELEVON = -40.000 AILRON = .000
RUDDER = .000 SPOBRK = 25.000

RUN NO. 17/ 0 RN/L = 1.84 GRADIENT INTERVAL = -6.00/ 6.00

MACH	ALPHA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.259	-4.370	-.69670	.16080	.22970	-.70690	.10728	-.00190	-.00400	-.00200	.77100	.03736
.259	-2.300	-.58350	.13650	.22220	-.58860	.11298	-.00160	-.00280	.00000	.79100	.03734
.259	-1.270	-.53130	.12620	.21980	-.53400	.11435	-.00160	-.00250	.00200	.80300	.03818
.259	-.210	-.47710	.11800	.21620	-.47760	.11624	-.00150	-.00220	.00300	.81800	.03660
.259	.760	-.42990	.11090	.21640	-.42840	.11669	-.00210	-.00260	.00400	.83800	.03776
.259	1.820	-.37600	.10320	.21210	-.37250	.11522	-.00140	-.00150	.00400	.86100	.03671
.259	3.890	-.27510	.09190	.20870	-.26820	.11037	-.00120	-.00130	.00400	.93800	.03741
.259	5.950	-.17560	.08610	.20460	-.16570	.10395	-.00140	-.00150	.00300	1.10600	.03618
.259	7.920	-.09750	.08060	.21280	-.08540	.09338	-.00190	-.00230	.00200	1.56800	.03763
.259	10.040	-.00740	.07770	.21660	.00620	.07782	-.00180	-.00310	-.00100	-12.11500	.03919
.259	12.030	.08630	.08160	.21570	.10150	.06184	-.00170	-.00290	-.00300	-.12900	.03875
.259	14.170	.18690	.09320	.21780	.20400	.04461	-.00210	-.00320	-.00500	.25900	.03973
.259	16.200	.27780	.11040	.22320	.29760	.02854	-.00240	-.00410	-.00700	.37600	.04023
.259	18.250	.37410	.14120	.22580	.39950	.01697	-.00430	-.00370	-.00600	.44400	.03927
.259	20.350	.46800	.17870	.23040	.50100	.00476	-.00440	-.00440	-.00700	.48200	.04158
.259	22.370	.55100	.22330	.23380	.59450	-.00320	-.00530	-.00370	-.00300	.50700	.04160
.259	24.470	.63780	.26950	.23760	.69220	-.01897	-.00270	-.00300	-.00800	.52500	.04358
.259	26.510	.71860	.32490	.23450	.78810	-.03000	-.00490	-.00200	-.00300	.54200	.04470
.259	28.560	.77300	.39020	.23740	.86550	-.02684	-.00570	-.00280	.00000	.55100	.05020
.259	30.610	.82150	.45960	.24370	.94100	-.02281	-.00480	-.00580	.00500	.55600	.05624
	GRADIENT	.05023	-.00714	-.00234	.05217	-.00940	.00005	.00024	.00051	.03014	-.00010

OA37 B26 C9 F9 M7 W116E37V8 R5 (RF2018) (01 JUL 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 INCHES
LREF = 474.8000 INCHES YMRP = .0000 INCHES
BREF = 936.8000 INCHES ZMRP = 375.0000 INCHES
SCALE = .0300 SCALE

PARAMETRIC DATA

BETA = .000 BDFLAP = .000
ELEVON = -40.000 AILRON = .000
RUDDER = .000 SPDBRK = 25.000

RUN NO. 18/ 0 RN/L = 1.84 GRADIENT INTERVAL = -6.00/ 6.00

MACH	ALPHA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.259	-4.350	-.66370	.15550	.20760	-.67360	.10467	-.00190	-.00370	-.00200	.76500	.03819
.259	-2.280	-.55040	.13210	.20020	-.55520	.11009	-.00160	-.00260	.00100	.78400	.03851
.259	-1.260	-.49810	.12290	.19740	-.50070	.11192	-.00180	-.00230	.00200	.79700	.03938
.259	-.230	-.44460	.11510	.19480	-.44500	.11352	-.00180	-.00230	.00300	.81300	.03782
.259	.810	-.39080	.10760	.19150	-.38930	.11317	-.00170	-.00140	.00400	.83300	.03772
.259	1.850	-.34160	.10020	.19100	-.33820	.11124	-.00170	-.00140	.00500	.85900	.03939
.259	3.890	-.24050	.09070	.18460	-.23380	.10688	-.00160	-.00120	.00500	.94200	.03807
.259	5.890	-.14450	.08600	.18280	-.13490	.10047	-.00180	-.00170	.00400	1.15000	.03863
.259	7.980	-.06410	.08080	.18990	-.05220	.08898	-.00190	-.00280	.00000	1.98900	.04024
.259	10.000	.02990	.08120	.19130	.04350	.07477	-.00180	-.00310	-.00100	-.98200	.04056
.259	12.100	.12590	.08470	.19150	.14080	.05650	-.00170	-.00300	-.00300	.15100	.04185
.259	14.140	.22090	.09790	.19290	.23810	.04097	-.00210	-.00330	-.00400	.35400	.04170
.259	16.160	.31070	.11630	.19900	.33080	.02523	-.00250	-.00410	-.00800	.43000	.04341
.259	18.290	.41090	.14990	.20120	.43720	.01338	-.00450	-.00390	-.00600	.48200	.04286
.259	20.340	.50430	.19080	.20560	.53920	.00362	-.00480	-.00410	-.00600	.51100	.04525
.259	22.410	.58560	.23680	.21100	.63170	-.00437	-.00570	-.00400	-.00200	.52900	.04486
.259	24.480	.66940	.28370	.21280	.72680	-.01918	-.00320	-.00330	-.00700	.54400	.04831
.259	26.540	.75310	.34570	.20810	.82830	-.02725	-.00340	-.00250	-.00500	.55900	.04997
.259	28.580	.80490	.40730	.21230	.90170	-.02746	-.00480	-.00280	-.00200	.56500	.05551
.259	30.570	.84890	.47560	.21770	.97290	-.02230	-.00440	-.00060	.00400	.56900	.05902
	GRADIENT	.05051	-.00671	-.00242	.05239	-.00051	.00001	.00021	.00061	.03422	.00001

OA37 B26 C9 F9 M7 W116E37V8 R5 (RF2019) (01 JUL 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1078.7000 INCHES
LREF = 474.8000 INCHES YMRP = .0000 INCHES
BREF = 936.8000 INCHES ZMRP = 375.0000 INCHES
SCALE = .0300 SCALE

PARAMETRIC DATA

BETA = .000 BDFLAP = -12.000
ELEVON = -20.000 AILRON = 20.000
RUDDER = .000 SPDBRK = 25.000

RUN NO. 19/ 0 RN/L = 1.84 GRADIENT INTERVAL = -6.00/ 6.00

MACH	ALPHA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.259	-4.260	-.46930	.10060	.13540	-.47550	.06546	.01910	.03780	-.04500	.75600	.03575
.259	-2.200	-.36130	.08520	.13170	-.36430	.07125	.01820	.03790	-.04100	.78500	.03656
.259	-1.170	-.31090	.07950	.13020	-.31150	.07315	.01810	.03790	-.04000	.80500	.03627
.259	-.150	-.26190	.07460	.12980	-.26210	.07391	.01780	.03820	-.03900	.83400	.03622
.259	.870	-.21240	.07110	.12890	-.21120	.07439	.01760	.03790	-.03900	.87600	.03528
.259	1.940	-.16430	.06590	.12860	-.16200	.07148	.01770	.03760	-.03900	.94400	.03643
.259	3.940	-.06770	.06280	.12650	-.06320	.06734	.01750	.03740	-.04100	1.38800	.03525
.259	6.030	.02680	.06130	.12630	.03310	.05818	.01810	.03840	-.04400	-.74900	.03620
.259	8.090	.11610	.06350	.12900	.12390	.04654	.01920	.03970	-.05000	.26900	.03543
.259	10.100	.20940	.06970	.12930	.21840	.03190	.01970	.04060	-.05600	.43400	.03588
.259	12.190	.30900	.07990	.12990	.31890	.01283	.02010	.04050	-.06300	.50200	.03738
.259	14.270	.40650	.10050	.13160	.41870	-.00284	.02000	.04020	-.06800	.53600	.03740
.259	16.270	.50880	.12710	.13240	.52400	-.02058	.01990	.04140	-.07200	.55900	.03983
.259	18.390	.61100	.16640	.13070	.63230	-.03491	.02040	.04240	-.07500	.57600	.03905
.259	20.500	.70350	.22660	.12880	.73840	-.03410	.01170	.03980	-.06200	.58700	.04194
.259	22.520	.79490	.27810	.13380	.84080	-.04766	.01250	.04080	-.06100	.59300	.04493
.259	24.570	.86850	.33330	.13700	.92850	-.05812	.00980	.04100	-.05500	.59700	.04746
.259	26.640	.95350	.40790	.13410	1.03520	-.06303	.00720	.04170	-.04800	.60400	.04943
.259	28.660	.99410	.47100	.14230	1.09820	-.06360	.00340	.03620	-.03300	.60400	.05281
.259	30.640	.96550	.51400	.17250	1.09270	-.04988	.00390	.02760	-.01100	.59490	.05910
	GRADIENT	.04866	-.00460	-.00100	.04996	.00022	-.00018	-.00005	.00049	.06748	-.00007

OA37 B26 C9 F9 MT W116E37V8 R5 (RF2020) (01 JUL 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 INCHES
LREF = 474.8000 INCHES YMRP = .0000 INCHES
BREF = 936.8000 INCHES ZMRP = 375.0000 INCHES
SCALE = .0300 SCALE

PARAMETRIC DATA

BETA = .000 DOFLAP = -12.000
ELEVON = -10.000 AILRON = 10.000
RUDDER = .000 SPDBRK = 25.000

RUN NO. 20/ 0 RN/L = 1.84 GRADIENT INTERVAL = -6.00/ 6.00

MACH	ALPHA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.259	-4.200	-.40480	.06940	.11480	-.40880	.03956	.00850	.02740	-.02200	.75500	.03265
.259	-2.150	-.30370	.05840	.11390	-.30570	.04700	.00850	.02810	-.01900	.78900	.03253
.259	-1.090	-.25060	.05450	.11330	-.25160	.04974	.00850	.02810	-.01800	.81700	.03185
.259	-.060	-.20480	.04980	.11370	-.20480	.04964	.00860	.02840	-.01800	.85600	.03233
.259	.900	-.15740	.04780	.11460	-.15660	.05029	.00880	.02850	-.01800	.92100	.03250
.259	1.950	-.11140	.04560	.11600	-.10980	.04941	.00900	.02870	-.01900	1.04100	.03174
.259	4.030	-.02040	.04450	.11720	-.01720	.04585	.00920	.02950	-.02100	3.14800	.03010
.259	6.080	.07050	.04300	.11900	.07470	.03529	.00990	.03070	-.02500	.06600	.03155
.259	8.130	.15980	.04650	.11990	.16480	.02348	.01030	.03150	-.02900	.38400	.03098
.259	10.170	.25520	.05320	.12070	.26060	.00732	.01070	.03210	-.03500	.48100	.03229
.259	12.230	.35140	.06740	.12030	.35770	-.00854	.01120	.03210	-.03900	.52800	.03270
.259	14.290	.44750	.08840	.12220	.45540	-.02476	.01170	.03210	-.04600	.55300	.03281
.259	16.370	.55060	.11600	.12490	.56090	-.04386	.01220	.03430	-.05300	.57000	.03524
.259	18.440	.65130	.15540	.12420	.66710	-.05864	.01340	.03660	-.05800	.58300	.03542
.259	20.500	.74940	.21480	.12230	.77720	-.06127	.00490	.03360	-.04700	.59400	.04053
.259	22.540	.84370	.26570	.12430	.88110	-.07801	.00450	.03380	-.04500	.60000	.04316
.259	24.620	.91970	.33050	.12500	.97380	-.08277	.00290	.03440	-.04100	.60400	.04630
.259	26.680	.99320	.40390	.12740	1.06880	-.08504	.00450	.03810	-.04100	.60800	.04919
.259	28.710	1.02590	.46780	.13730	1.12450	-.08249	.00090	.03580	-.02600	.60700	.05189
.259	30.700	.99870	.51160	.16370	1.12000	-.07009	-.00080	.02270	.00100	.59800	.05853
	GRADIENT	.04675	-.00306	.00035	.04763	.00071	.00009	.00023	.00009	.23668	-.00026

OA37 B26 C9 F9 M7 W116E37V8 R5 (RF2021) (01 JUL 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 INCHES
LREF = 474.8000 INCHES YMRP = .0000 INCHES
BREF = 936.8000 INCHES ZMRP = 375.0000 INCHES
SCALE = .0300 SCALE

PARAMETRIC DATA

BETA = .000 BOFLAP = -12.000
ELEVON = .000 AILRON = 15.000
RUDDER = .000 SPDBRK = 25.000

RUN NO. 21/ 0 RN/L = 1.84 GRADIENT INTERVAL = -6.00/ 6.00

MACH	ALPHA	CL	COF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.259	-4.150	-.24050	.06220	.03760	-.24440	.04469	.01030	.05090	-.04500	.70800	.03714
.259	-2.110	-.13800	.05530	.03660	-.13990	.05027	.01070	.05150	-.04400	.74800	.03718
.259	-1.070	-.08540	.05390	.03640	-.08630	.05233	.01080	.05190	-.04400	.80700	.03601
.259	-.020	-.03960	.05190	.03680	-.03960	.05195	.01100	.05230	-.04400	.99400	.03641
.259	.960	.00900	.05210	.03680	.00990	.05195	.01150	.05320	-.04600	-.71300	.03671
.259	2.030	.05200	.05210	.03970	.05380	.05027	.01170	.05440	-.04700	.58000	.03564
.259	4.080	.14510	.05420	.04050	.14860	.04374	.01210	.05530	-.05000	.55100	.03607
.259	6.090	.23180	.06060	.04190	.23690	.03569	.01240	.05610	-.05400	.58700	.03471
.259	8.200	.32720	.06940	.04180	.33370	.02209	.01280	.05730	-.06000	.60500	.03537
.259	10.250	.42190	.08320	.04080	.43000	.00682	.01320	.05780	-.06600	.61700	.03539
.259	12.290	.52360	.10400	.04000	.53380	-.00986	.01360	.05980	-.07300	.62400	.03664
.259	14.370	.62200	.13240	.04020	.63540	-.02612	.01420	.06070	-.07900	.62800	.03612
.259	16.440	.72300	.16750	.04130	.74090	-.04392	.01480	.06150	-.08500	.63100	.03726
.259	18.500	.83470	.22400	.03680	.86270	-.05246	.00970	.06110	-.07900	.63600	.04065
.259	20.570	.92440	.28100	.03800	.96420	-.06167	.00500	.05350	-.07200	.63700	.04558
.259	22.610	1.01160	.34000	.04010	1.06460	-.07501	.00390	.05190	-.06800	.63800	.04762
.259	24.670	1.07160	.40820	.04540	1.14420	-.07636	.00060	.05090	-.05800	.63700	.05147
.259	26.710	1.12550	.48250	.05230	1.22230	-.07497	.00200	.05180	-.05400	.63600	.05553
.259	28.740	1.10740	.52570	.08460	1.22380	-.07160	-.00310	.03780	-.02000	.62600	.05822
.259	30.720	1.06290	.55510	.12150	1.19730	-.06583	-.00650	.01740	.02500	.61400	.07446
	GRADIENT	.04665	-.00093	.00042	.04755	-.00010	.00023	.00057	-.00065	-.06575	-.00015

OA37 B26 C9 F9 MT W116E37V8 R5 (RF2022) (01 JUL 74)

REFERENCE DATA

SREF =	2690.0000 sq.FT.	XMRP =	1076.7000 INCHES		
LREF =	474.8000 INCHES	YMRP =	.0000 INCHES		
BREF =	936.8000 INCHES	ZMRP =	375.0000 INCHES		
SCALE =	.0300 SCALE				

PARAMETRIC DATA

BETA =	.000	BDFLAP =	-12.000
ELEVON =	-10.000	AILRON =	5.000
RUDDER =	.000	SPDBRK =	25.000

RUN NO. 22/ 0 RN/L = 1.84 GRADIENT INTERVAL = -6.00/ 6.00

MACH	ALPHA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.259	-4.240	-.43410	.06700	.12720	-.43790	.03471	.00410	.01380	-.01200	.75900	.03119
.259	-2.200	-.33050	.05300	.12600	-.33230	.04029	.00390	.01420	-.00900	.79100	.03260
.259	-1.160	-.27920	.04920	.12490	-.28010	.04353	.00400	.01430	-.00800	.81600	.03130
.259	-.120	-.23030	.04390	.12620	-.23040	.04340	.00390	.01440	-.00700	.85300	.03219
.259	.870	-.18460	.04210	.12610	-.18390	.04494	.00400	.01440	-.00700	.90400	.03107
.259	1.920	-.14190	.03800	.12870	-.14050	.04281	.00400	.01430	-.00700	.98900	.03168
.259	3.970	-.04910	.03440	.13240	-.04660	.03775	.00420	.01540	-.00800	1.69600	.03126
.259	6.030	.04130	.03370	.13370	.04460	.02924	.00450	.01580	-.01100	-.44900	.03117
.259	8.090	.13310	.03700	.13490	.13700	.01797	.00490	.01650	-.01600	.28900	.03009
.259	10.150	.22730	.04280	.13570	.23130	.00213	.00530	.01670	-.02000	.43600	.03088
.259	12.180	.32150	.05520	.13620	.32590	-.01384	.00580	.01650	-.02500	.49800	.03130
.259	14.260	.42210	.07590	.13700	.42790	-.03041	.00610	.01680	-.02900	.53400	.03246
.259	16.320	.52890	.10490	.13690	.53710	-.04801	.00610	.01750	-.03400	.55800	.03343
.259	18.360	.64190	.15440	.13050	.65790	-.05570	.00150	.01750	-.02900	.57900	.03733
.259	20.470	.74270	.20570	.12890	.76780	-.06702	-.00100	.01490	-.02600	.59000	.03935
.259	22.530	.84130	.25630	.13120	.87530	-.08564	-.00080	.01490	-.02700	.59600	.04120
.259	24.570	.92020	.32120	.13180	.97040	-.09053	-.00100	.01590	-.02500	.60200	.04461
.259	26.620	.96240	.37730	.12880	1.02950	-.09391	.00190	.01940	-.03300	.60600	.04719
.259	28.680	1.02250	.45520	.14140	1.11550	-.09132	-.00110	.01940	-.01600	.60500	.05125
.259	30.670	1.00920	.50710	.16480	1.12670	-.07873	-.00360	.01010	.00800	.59800	.05715
	GRADIENT	.04667	-.00389	.00064	.04744	.00043	.00001	.00016	.00049	.09819	-.00004

OA37 B26 C9 F9 M7 W116E37V8 R5 (RF2023) (01 JUL 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 INCHES
LREF = 474.8000 INCHES YMRP = .0000 INCHES
BREF = 936.8000 INCHES ZMRP = 375.0000 INCHES
SCALE = .0300 SCALE

PARAMETRIC DATA

BETA = .000 BOFLAP = -12.000
ELEVON = -20.000 AILRON = 15.000
RUDDER = .000 SPOBRK = 25.000

RUN NO. 23/ 0 RN/L = 1.84 GRADIENT INTERVAL = -6.00/ 6.00

MACH	ALPHA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.259	-4.280	-.50660	.09740	.15470	-.51250	.05937	.01490	.02650	-.03300	.76300	.03350
.259	-2.220	-.39800	.08090	.15030	-.40080	.06544	.01370	.02610	-.02900	.79090	.03382
.259	-1.190	-.34750	.07430	.14840	-.34890	.06709	.01340	.02580	-.02700	.80800	.03353
.259	-.130	-.29630	.06840	.14770	-.29650	.06776	.01320	.02600	-.02600	.83500	.03407
.259	.880	-.24520	.06400	.14770	-.24410	.06786	.01310	.02570	-.02600	.87400	.03437
.259	1.920	-.19760	.06040	.14760	-.19550	.06708	.01300	.02500	-.02600	.93090	.03356
.259	3.980	-.10290	.05510	.14740	-.09880	.06212	.01290	.02530	-.02600	1.20100	.03411
.259	6.020	-.01110	.05380	.14750	-.00540	.05469	.01320	.02550	-.02800	10.67200	.03275
.259	8.080	.07990	.05360	.14970	.08670	.04189	.01390	.02640	-.03300	.01600	.03341
.259	10.140	.17130	.05870	.15130	.17900	.02764	.01450	.02720	-.03800	.34100	.03318
.259	12.200	.26600	.06830	.15260	.27450	.01052	.01490	.02720	-.04400	.44700	.03400
.259	14.270	.36880	.08770	.15450	.37900	-.00593	.01490	.02700	-.04800	.50200	.03519
.259	16.300	.46440	.11310	.15560	.47750	-.02172	.01480	.02810	-.05200	.53200	.03521
.259	18.390	.57080	.14730	.15560	.58810	-.04024	.01470	.02950	-.05600	.55400	.03818
.259	20.450	.66470	.20760	.15260	.69530	-.03778	.00790	.02780	-.04600	.57100	.04003
.259	22.500	.75400	.25820	.15700	.79550	-.05008	.00950	.02890	-.04700	.57900	.04125
.259	24.570	.83930	.31270	.16170	.89330	-.06471	.00780	.02970	-.04300	.58500	.04635
.259	26.620	.91110	.38220	.15910	.98580	-.06667	.00610	.03150	-.03800	.59200	.04753
.259	28.660	.95240	.44600	.16860	1.04960	-.06539	.00500	.03190	-.03200	.59300	.05306
.259	30.660	.95000	.49820	.19030	1.07130	-.05587	.00250	.02380	-.00700	.58600	.05794
	GRADIENT	.04881	-.00508	-.00081	.05002	.00035	-.00022	-.00016	.00081	.04833	.00006

OA37 B26 C9 F9 M7 W116E37V8 R5 (RF2024) (01 JUL 74)

REFERENCE DATA

SREF =	2690.0000 SQ.FT.	XMRP =	1076.7000 INCHES		
LREF =	474.8000 INCHES	YMRP =	.0000 INCHES		
BREF =	936.8000 INCHES	ZMRP =	375.0000 INCHES		
SCALE =	.0300 SCALE				

PARAMETRIC DATA

BETA =	.000	BCFLAP =	-12.000
ELEVON =	-10.000	AILRON =	15.000
RUDDER =	.000	SPDBRK =	25.000

RUN NO. 24/ 0 RN/L = 1.84 GRADIENT INTERVAL = -6.00/ 6.00

MACH	ALPHA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CA0
.259	-4.210	-.37270	.07530	.09830	-.37730	.04771	.01290	.04020	-.03400	.74800	.03334
.259	-2.160	-.27140	.06470	.09710	-.27370	.05443	.01280	.04060	-.03200	.78200	.03354
.259	-1.110	-.21710	.06030	.09700	-.21820	.05611	.01280	.04100	-.03000	.81500	.03382
.259	-.070	-.16840	.05700	.09640	-.16850	.05686	.01290	.04110	-.03100	.86200	.03290
.259	.910	-.11990	.05460	.09620	-.11900	.05654	.01310	.04140	-.03200	.94900	.03376
.259	1.950	-.07190	.05350	.09650	-.07010	.05593	.01330	.04150	-.03200	1.15800	.03271
.259	4.030	.02320	.05190	.09700	.02680	.05014	.01400	.04260	-.03600	-.67900	.03340
.259	6.080	.11410	.05440	.09650	.11920	.04210	.01440	.04370	-.03700	.35400	.03307
.259	8.140	.20760	.05830	.09900	.21370	.02829	.01510	.04450	-.04500	.48100	.03344
.259	10.190	.29630	.06650	.09930	.30340	.01311	.01560	.04520	-.05100	.53100	.03382
.259	12.260	.39660	.08270	.09860	.40540	-.00344	.01590	.04460	-.05700	.56200	.03461
.259	14.310	.49250	.10520	.10220	.50320	-.01980	.01650	.04530	-.06200	.57700	.03579
.259	16.370	.59070	.13560	.10460	.60500	-.03633	.01700	.04740	-.06900	.58800	.03600
.259	18.440	.69530	.17610	.10470	.71530	-.05292	.01830	.05080	-.07500	.59800	.03855
.259	20.480	.77970	.23500	.10650	.81260	-.05270	.00980	.04760	-.06300	.60300	.04207
.259	22.530	.86630	.28680	.11240	.91010	-.06705	.01050	.04800	-.06400	.60600	.04652
.259	24.610	.92760	.34790	.11550	.98820	-.07002	.00690	.04810	-.05600	.60900	.04642
.259	26.670	.99740	.42050	.12090	1.08000	-.07194	.00690	.05200	-.05300	.61000	.04999
.259	28.690	1.01650	.47810	.13330	1.12130	-.06861	.00290	.04800	-.03500	.60800	.05237
.259	30.660	.96840	.51040	.17410	1.09330	-.05489	-.00120	.02440	.01600	.59300	.06472
	GRADIENT	.04814	-.00282	-.00017	.04914	.00030	.00013	.00027	-.00023	-.11209	-.00003

OA37 B26 C9 F9 M7 W116E37V8 R5 (RF2025) (01 JUL 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 INCHES
LREF = 474.8000 INCHES YMRP = .0000 INCHES
BREF = 936.8000 INCHES ZMRP = 375.0000 INCHES
SCALE = .0300 SCALE

PARAMETRIC DATA

BETA = .000 BDFLAP = -12.000
ELEVON = .000 AILRON = 5.000
RUDDER = .000 SPDBRK = 25.000

RUN NO. 25/ 0 RN/L = 1.84 GRADIENT INTERVAL = -6.00/ 6.00

MACH	ALPHA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.259	-4.170	-.26180	.04260	.04680	-.26420	.02345	.00400	.01670	-.01900	.71700	.03641
.259	-2.110	-.15820	.03560	.04600	-.15940	.02981	.00400	.01730	-.01600	.75800	.03640
.259	-1.080	-.10780	.03290	.04640	-.10840	.03092	.00400	.01750	-.01500	.80900	.03677
.259	-.020	-.05830	.03150	.04660	-.05830	.03149	.00420	.01790	-.01400	.94800	.03573
.259	.950	-.01340	.03120	.04690	-.01290	.03147	.00420	.01840	-.01500	1.98800	.03604
.259	2.020	.03490	.03020	.04850	.03590	.02900	.00440	.01900	-.01500	.15500	.03658
.259	4.060	.12920	.03280	.04880	.13120	.02358	.00450	.01950	-.01700	.51500	.03590
.259	6.130	.22500	.03780	.04830	.22780	.01357	.00470	.01980	-.02000	.57400	.03585
.259	8.180	.32060	.04790	.04770	.32420	.00179	.00490	.01990	-.02300	.59700	.03415
.259	10.190	.42000	.06090	.04610	.42420	-.01439	.00530	.01960	-.02800	.61200	.03547
.259	12.300	.51690	.08070	.04540	.52230	-.03125	.00560	.01900	-.03200	.62000	.03498
.259	14.340	.62330	.10870	.04530	.63080	-.04907	.00610	.01930	-.03600	.62500	.03704
.259	16.410	.73270	.14690	.04240	.74430	-.06610	.00630	.01940	-.04100	.63100	.03750
.259	18.500	.85080	.20720	.03300	.87260	-.07351	.00020	.01840	-.03300	.63800	.04112
.259	20.540	.94660	.26440	.03250	.97920	-.08463	-.00300	.01350	-.02700	.63900	.04431
.259	22.640	1.02840	.32850	.03510	1.07570	-.09268	.00040	.01500	-.03300	.64000	.04652
.259	24.680	1.09240	.40460	.03670	1.16150	-.08851	.00250	.01850	-.03500	.64000	.05126
.259	26.730	1.15170	.47170	.04330	1.24090	-.09672	.00130	.01900	-.02900	.63900	.05515
.259	28.760	1.16850	.52920	.06470	1.27900	-.09833	-.00090	.01450	-.01500	.63300	.06115
.259	30.700	1.06740	.54830	.11520	1.19780	-.07364	-.00500	-.00130	.02700	.61600	.06976
	GRADIENT	.04732	-.00120	.00031	.04785	-.00001	.00007	.00036	.00023	-.02013	-.00006

OA37 B26 C9 F9 M7 W116E37V8 R5 (RF2026) (01 JUL 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 INCHES
LREF = 474.8000 INCHES YMRP = .0000 INCHES
BREF = 936.8000 INCHES ZMRP = 375.0000 INCHES
SCALE = .0300 SCALE

PARAMETRIC DATA

BETA = .000 BDFLAP = -12.000
ELEVON = -20.000 AILRON = 5.000
RUDDER = .000 SPDBRK = 25.000

RUN NO. 26/ 0 RN/L = 1.84 GRADIENT INTERVAL = -6.00/ 6.00

MACH	ALPHA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.259	-4.280	-.55890	.09480	.18130	-.56440	.05282	.00450	.00300	-.01100	.77000	.03099
.259	-2.230	-.45600	.07830	.17980	-.45870	.06053	.00440	.00460	-.00600	.79600	.03146
.259	-1.200	-.40560	.07240	.17950	-.40700	.06392	.00420	.00510	-.00500	.81400	.03071
.259	-.140	-.35610	.06630	.18000	-.35630	.06549	.00410	.00550	-.00300	.83800	.03044
.259	.830	-.30750	.06210	.17960	-.30650	.06664	.00410	.00530	-.00200	.86700	.02967
.259	1.900	-.26370	.05580	.18070	-.26170	.06459	.00390	.00480	-.00200	.90600	.03058
.259	3.950	-.17070	.04990	.18280	-.16680	.06165	.00370	.00440	-.00300	1.05500	.02981
.259	6.010	-.08100	.04520	.18470	-.07580	.05352	.00390	.00460	-.00300	1.54700	.03037
.259	8.030	.00880	.04370	.18610	.01480	.04212	.00390	.00440	-.00600	-3.95700	.02967
.259	10.100	.09990	.04530	.18850	.10630	.02711	.00390	.00460	-.00800	.00000	.03109
.259	12.180	.19650	.05490	.18870	.20370	.01219	.00400	.00410	-.01200	.31100	.03072
.259	14.230	.29620	.07250	.18650	.30490	-.00253	.00370	.00480	-.00900	.42700	.03152
.259	16.290	.38900	.09080	.19510	.39890	-.02194	.00410	.00480	-.02000	.47200	.03367
.259	18.330	.48640	.12210	.19810	.50010	-.03706	.00440	.00600	-.02300	.50600	.03415
.259	20.420	.58190	.17360	.19760	.60590	-.04035	-.00020	.00690	-.01800	.53200	.03809
.259	22.490	.67310	.22060	.20150	.70630	-.05364	-.00030	.00800	-.01600	.54700	.03981
.259	24.540	.74980	.27270	.20620	.79530	-.06336	.00130	.01100	-.02200	.55600	.04224
.259	26.590	.82400	.33550	.20610	.88700	-.06885	.00180	.01450	-.02200	.56600	.04616
.259	28.620	.87460	.40060	.21110	.95970	-.06727	.00020	.01370	-.01500	.57100	.04956
.259	30.640	.88680	.46080	.22310	.99780	-.05563	-.00150	.01440	-.00300	.56900	.05254
	GRADIENT	.04710	-.00544	.00018	.04825	.00197	-.00010	.00014	.00099	.03271	-.00017

OA37 B26 C9 F9 MT W116E37V8 R5 (RF2027) (01 JUL 74)

REFERENCE DATA

SREF =	2690.0000 SQ.FT.	XMRP =	1076.7000 INCHES		
LREF =	474.8000 INCHES	YMRP =	.0000 INCHES		
BREF =	936.8000 INCHES	ZMRP =	375.0000 INCHES		
SCALE =	.0300 SCALE				

PARAMETRIC DATA

BETA =	.000	BDFLAP =	-12.000
ELEVON =	.000	AILRON =	.000
RUDDER =	.000	SPDBRK =	55.000

RUN NO. 27/ 0 RN/L = 1.84 GRADIENT INTERVAL = -6.00/ 6.00

MACH	ALPHA	CL	COF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.259	-4.160	-.26400	.05600	.06820	-.26740	.03672	.00060	-.00070	.00000	.74600	.04323
.259	-2.080	-.17410	.04740	.06790	-.17570	.04103	.00050	-.00070	.00000	.79400	.04348
.259	-1.080	-.12170	.04570	.06650	-.12250	.04339	.00030	-.00030	.00100	.85100	.04237
.259	-.070	-.08110	.04290	.06870	-.08110	.04288	.00030	-.00070	.00000	.96300	.04292
.259	.960	-.03510	.04210	.06910	-.03430	.04270	.00030	-.00080	-.00100	1.39100	.04238
.259	2.020	.01980	.04080	.07010	.01220	.04042	.00020	-.00090	.00000	-1.44900	.04245
.259	4.070	.10430	.04260	.06990	.10710	.03517	.00010	-.00090	.00000	.41100	.04137
.259	6.110	.20020	.04650	.06880	.20400	.02492	.00000	-.00100	.00000	.52800	.04203
.259	8.190	.30270	.05770	.06540	.30790	.01403	.00000	-.00070	.00200	.57300	.04038
.259	10.250	.40350	.07100	.06340	.40970	-.00186	.00000	-.00150	.00000	.59500	.04032
.259	12.310	.50430	.09100	.06400	.51210	-.01860	.00050	-.00140	-.00200	.60600	.04046
.259	14.350	.60870	.11910	.06350	.61920	-.03542	.00040	-.00100	-.00200	.61400	.04195
.259	16.430	.72200	.15810	.06000	.73730	-.05266	.00030	-.00060	-.00300	.62200	.04238
.259	18.510	.84070	.21920	.05010	.86680	-.05904	-.00580	-.00220	.00700	.63000	.04537
.259	20.570	.94500	.27690	.04820	.98200	-.07281	-.00780	-.00540	.01100	.63400	.04877
.259	22.630	1.02820	.34080	.05200	1.08010	-.08102	-.00330	-.00250	.00300	.63400	.05083
.259	24.690	1.10560	.42480	.05070	1.18200	-.07603	-.00040	.00240	-.00200	.63600	.05404
.259	26.720	1.16300	.49200	.05770	1.26000	-.08348	-.00140	.00300	-.00100	.63500	.05730
.259	28.760	1.18130	.55130	.07740	1.30090	-.08533	-.00320	.00240	.00500	.63000	.06387
.259	30.710	1.05780	.55950	.12620	1.19520	-.05923	-.00080	-.00810	.01100	.61300	.07059
	GRADIENT	.04471	-.00163	.00032	.04546	-.00019	-.00006	-.00004	-.00005	-.12356	-.00022

OA37 B26 C9 F9 M7 W116E37V8 R5 (RF2028) (01 JUL 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 INCHES
LREF = 474.8000 INCHES YMRP = .0000 INCHES
BREF = 936.8000 INCHES ZMRP = 375.0000 INCHES
SCALE = .0300 SCALE

PARAMETRIC DATA

ALPHA = .000 BDFLAP = -12.000
ELEVON = .000 AILRON = .000
RUDDER = .000 SPDBRK = 55.000

RUN NO. 28/ 0 RN/L = 1.84 GRADIENT INTERVAL = -6.00/ 6.00

MACH	BETA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.259	-10.140	-.06160	.03290	.05390	-.06160	.03295	-.01470	.00800	.18100	.97400	.04687
.259	-8.150	-.06710	.03540	.05690	-.06710	.03543	-.01140	.00630	.14500	.96400	.04693
.259	-6.130	-.07390	.03900	.06250	-.07390	.03901	-.00740	.00400	.10600	.96300	.04630
.259	-4.090	-.07690	.04140	.06550	-.07690	.04139	-.00370	.00200	.06900	.96500	.04491
.259	-2.070	-.07940	.04180	.06760	-.07950	.04183	-.00100	.00020	.03300	.96500	.04429
.259	-.050	-.08210	.04250	.06910	-.08210	.04245	.00030	-.00060	.00000	.96100	.04309
.259	1.970	-.08240	.04170	.06800	-.08240	.04167	.00140	-.00140	-.03000	.95500	.04400
.259	3.990	-.07990	.04050	.06640	-.07990	.04047	.00390	-.00310	-.06500	.95700	.04586
.259	6.030	-.07640	.03900	.06390	-.07640	.03905	.00740	-.00510	-.10300	.95900	.04579
.259	8.060	-.07180	.03370	.05900	-.07180	.03372	.01140	-.00720	-.14100	.95400	.04788
.259	10.070	-.06810	.02940	.05540	-.06820	.02939	.01490	-.00910	-.17800	.95100	.04810
	GRADIENT	-.00045	-.00009	.00011	-.00044	-.00010	.00087	-.00059	-.01645	-.00129	.00008

OA37 B26 C9 F9 M7 W116E37V8 R5 (RF2029) (01 JUL 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 INCHES
LREF = 474.8000 INCHES YMRP = .0000 INCHES
BREF = 936.8000 INCHES ZMRP = 375.0000 INCHES
SCALE = .0300 SCALE

PARAMETRIC DATA

ALPHA = 10.000 BDFLAP = -12.000
ELEVON = .000 AILRON = .000
RUDDER = .000 SPDBRK = 55.000

RUN NO. 29/ 0 RN/L = 1.84 GRADIENT INTERVAL = -6.00/ 6.00

MACH	BETA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.259	-10.150	.41840	.06070	.04900	.42260	-.01470	-.01460	.02220	.17900	.60900	.05015
.259	-8.140	.41320	.06310	.05240	.41780	-.01136	-.01110	.01740	.14300	.60500	.04796
.259	-6.110	.40970	.06680	.05830	.41510	-.00720	-.00730	.01200	.10500	.60000	.04552
.259	-4.040	.40370	.06810	.06140	.40940	-.00467	-.00420	.00690	.06900	.59600	.04433
.259	-2.070	.40340	.07010	.06390	.40940	-.00278	-.00160	.00240	.03500	.59400	.04243
.259	-.070	.40300	.07010	.06540	.40900	-.00271	.00000	-.00130	.00100	.59300	.04121
.259	1.980	.40110	.07040	.06450	.40720	-.00202	.00170	-.00490	-.03100	.59300	.04113
.259	3.990	.40350	.07050	.06330	.40960	-.00229	.00430	-.00920	-.06600	.59500	.04196
.259	6.040	.40450	.06710	.06090	.41000	-.00580	.00730	-.01380	-.10200	.59700	.04474
.259	8.050	.40970	.06290	.05580	.41430	-.01091	.01110	-.01900	-.14000	.60200	.04715
.259	10.090	.40880	.06000	.05330	.41300	-.01360	.01420	-.02370	-.17500	.60400	.04950
	GRADIENT	-.00013	.00025	.00022	-.00009	.00027	.00101	-.00196	-.01671	-.00015	-.00030

OA37 B26 C9 F9 M7 W116E37V8 R5 (RF2030) (01 JUL 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 INCHES
LREF = 474.8000 INCHES YMRP = .0000 INCHES
BREF = 936.8000 INCHES ZMRP = 375.0000 INCHES
SCALE = .0300 SCALE

PARAMETRIC DATA

ALPHA = 15.000 BDFLAP = -12.000
ELEVON = .000 AILRON = .000
RUDDER = .000 SPDBRK = 55.000

RUN NO. 30/ 0 RN/L = 1.84 GRADIENT INTERVAL = -6.00/ 6.00

MACH	BETA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.259	-10.140	.68430	.12750	.04100	.69360	-.05839	-.01450	.03040	.17700	.63000	.05324
.259	-8.130	.67720	.13170	.04740	.68790	-.05256	-.01030	.02340	.13900	.62600	.04824
.259	-6.130	.67040	.13500	.05600	.68220	-.04738	-.00660	.01660	.10200	.62100	.04581
.259	-4.090	.66900	.13620	.05850	.68120	-.04586	-.00470	.01030	.06900	.62000	.04466
.259	-2.040	.66630	.13770	.06170	.67900	-.04381	-.00200	.00380	.03400	.61800	.04272
.259	-.040	.66520	.13850	.06310	.67820	-.04286	.00020	-.00090	.00000	.61700	.04165
.259	1.980	.66970	.13890	.06310	.68260	-.04373	.00220	-.00590	-.03300	.61800	.04258
.259	4.000	.66700	.13690	.06030	.67940	-.04485	.00490	-.01250	-.06800	.61900	.04265
.259	6.050	.67180	.13690	.05630	.68410	-.04598	.00800	-.01900	-.10300	.62100	.04315
.259	8.060	.68420	.13310	.04830	.69500	-.05299	.01170	-.02560	-.14100	.62600	.04752
.259	10.080	.69100	.13050	.04000	.70090	-.05737	.01550	-.03240	-.17800	.63100	.05026
	GRADIENT	-.00003	.00013	.00025	-.00000	.00010	.00116	-.00274	-.01688	-.00010	-.00019

OA37 B26 C9 F9 M7 W116E37V8 R5 (RF2031) (01 JUL 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 INCHES
LREF = 474.8000 INCHES YMRP = .0000 INCHES
BREF = 936.8000 INCHES ZMRP = 375.0000 INCHES
SCALE = .0300 SCALE

PARAMETRIC DATA

ALPHA = 20.000 BDFLAP = -12.000
ELEVON = .000 AILRON = .000
RUDDER = .000 SPDBRK = 55.000

RUN NO. 31/ 0 RN/L = 1.84 GRADIENT INTERVAL = -6.00/ 6.00

MACH	BETA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.259	-10.110	.95290	.28470	.01670	.99220	-.06885	-.02560	.02940	.19600	.64500	.05740
.259	-8.110	.94890	.28750	.02720	.98940	-.06480	-.02010	.02260	.15600	.64200	.05458
.259	-6.090	.93790	.28780	.04020	.97920	-.06074	-.01550	.01520	.11800	.63700	.04962
.259	-4.040	.93250	.28640	.04530	.97360	-.05985	-.01220	.00850	.08100	.63400	.04688
.259	-2.050	.94070	.28860	.04440	.98210	-.06093	-.00820	.00160	.04300	.63500	.04868
.259	-.010	.94040	.28580	.04660	.98080	-.06345	-.00430	-.00390	.00700	.63400	.04813
.259	2.010	.94710	.28470	.04500	.98670	-.06697	-.00030	-.00820	-.03000	.63500	.04767
.259	4.040	.94310	.28060	.04630	.98150	-.06925	.00420	-.01340	-.07100	.63400	.04704
.259	6.080	.95450	.28510	.04320	.99380	-.06928	.00770	-.01910	-.10700	.63600	.04801
.259	8.080	.96950	.28630	.02930	1.00820	-.07352	.01320	-.02590	-.14700	.64100	.05209
.259	10.100	.98240	.28490	.01120	1.01980	-.07941	.01920	-.03220	-.18900	.64800	.05461
	GRADIENT	.00136	-.00077	.00013	.00101	-.00123	.00201	-.00265	-.01864	-.00000	-.00003

OA37 B26 C9 F9 M7 W116E37V8 R5 (RF2032) (01 JUL 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 INCHES
LREF = 474.8000 INCHES YMRP = .0000 INCHES
BREF = 936.8000 INCHES ZMRP = 375.0000 INCHES
SCALE = .0300 SCALE

PARAMETRIC DATA

BETA = .000 BDFLAP = .000
ELEVON = .000 AILRON = .000
RUDDER = .000 SPDBRK = 55.000

RUN NO. 32/ 0 RN/L = 1.84 GRADIENT INTERVAL = -6.00/ 6.00

MACH	ALPHA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.259	-4.100	-.23990	.05330	.05130	-.24310	.03603	-.00010	-.00080	.00200	.72900	.04117
.259	-2.070	-.14720	.04590	.05150	-.14880	.04060	-.00010	-.00060	.00100	.77900	.04163
.259	-1.030	-.10050	.04270	.05130	-.10130	.04086	.00000	-.00050	.00000	.83800	.04206
.259	.010	-.05320	.04160	.05190	-.05320	.04167	.00000	-.00070	.00000	1.01100	.04057
.259	1.010	-.00800	.04080	.05250	-.00730	.04093	.00000	-.00070	.00000	3.28300	.04109
.259	2.060	.03780	.04050	.05330	.03920	.03920	.00000	-.00080	.00000	.15200	.04036
.259	4.090	.13000	.04290	.05290	.13280	.03351	-.00020	-.00090	.00000	.30500	.04020
.259	6.140	.23010	.04870	.05130	.23400	.02387	-.00010	-.00110	.00000	.37100	.03959
.259	8.210	.32780	.05800	.04890	.33280	.01065	-.00010	-.00100	.00000	.39700	.03968
.259	10.260	.43280	.07390	.04590	.43910	-.00437	.00000	-.00140	.00000	.41300	.03943
.259	12.310	.53340	.09470	.04610	.54130	-.02120	.00030	-.00130	-.00100	.42000	.04056
.259	14.410	.63870	.12610	.04460	.65000	-.03678	.00010	-.00100	.00000	.42600	.04096
.259	16.480	.75040	.16450	.04180	.76620	-.05513	.00020	-.00060	-.00300	.43200	.04284
.259	18.540	.87260	.22810	.03110	.89990	-.06119	-.00590	-.00220	.00700	.43900	.04643
.259	20.620	.97650	.28870	.02820	1.01560	-.07378	-.00830	-.00540	.01200	.44100	.04884
.259	22.670	1.06200	.35760	.02940	1.11780	-.07936	-.00380	-.00140	.00400	.44200	.04886
.259	24.750	1.14160	.44070	.03070	1.22130	-.07767	-.00040	.00260	-.00300	.44200	.05570
.259	26.770	1.19820	.51150	.03680	1.30020	-.08310	-.00170	.00270	-.00300	.44100	.05965
.259	28.800	1.20030	.56560	.05960	1.32430	-.08280	-.00370	.00010	.00500	.43500	.06556
.259	30.750	1.08580	.57900	.10350	1.22920	-.05756	-.00050	-.00870	.01000	.42100	.07115
	GRADIENT	.04510	-.00126	.00026	.04583	-.00030	-.00000	-.00002	-.00023	.00614	-.00017

OA37 B26 C9 F9 H7 W116E37V8 R5 (RF2033) (01 JUL 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 INCHES
LREF = 474.8000 INCHES YMRP = .0000 INCHES
BREF = 936.8000 INCHES ZMRP = 375.0000 INCHES
SCALE = .0300 SCALE

PARAMETRIC DATA

BETA = .000 BDFLAP = 18.000
ELEVON = .000 AILRON = .000
RUDDER = .000 SPOBRK = 55.000

RUN NO. 33/ 0 RN/L = 1.84 GRADIENT INTERVAL = -6.00/ 6.00

MACH	ALPHA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.259	-4.110	-.19470	.05240	.02230	-.19800	.03839	.00030	-.00050	.00000	.69300	.04202
.259	-2.040	-.10100	.04700	.02240	-.10260	.04343	.00010	-.00050	.00000	.73200	.04153
.259	-1.010	-.05600	.04580	.02220	-.05680	.04486	.00000	-.00050	.00000	.79600	.04085
.259	.030	-.00890	.04410	.02300	-.00880	.04420	.00000	-.00060	.00000	1.60600	.04084
.259	1.050	.03740	.04380	.02350	.03820	.04315	.00000	-.00070	.00100	.42500	.04141
.259	2.080	.08320	.04470	.02420	.08480	.04171	.00000	-.00070	.00000	.54700	.04025
.259	4.140	.18020	.04910	.02290	.18320	.03602	-.00020	-.00080	.00000	.60600	.03957
.259	6.190	.27590	.05600	.02110	.28030	.02592	-.00010	-.00090	.00000	.62400	.03914
.259	8.230	.37670	.06740	.01870	.38250	.01280	-.00020	-.00090	.00100	.63400	.03868
.259	10.300	.47980	.08510	.01510	.48730	-.00214	-.00010	-.00140	.00000	.64000	.03847
.259	12.370	.57960	.10830	.01490	.58950	-.01838	.00010	-.00110	.00000	.64200	.03946
.259	14.390	.68450	.14010	.01350	.69780	-.03448	.00010	-.00110	-.00100	.64500	.04130
.259	16.450	.79980	.18190	.00920	.81860	-.05198	.00020	-.00050	-.00200	.64700	.04335
.259	18.570	.92170	.24940	-.00220	.95310	-.07707	-.00620	-.00220	.00700	.65300	.04746
.259	20.610	1.02160	.31030	-.00510	1.06540	-.09919	-.00820	-.00520	.01200	.65300	.05106
.259	22.710	1.11510	.38460	-.00410	1.17710	-.07575	-.00420	-.00140	.00400	.65300	.05422
.259	24.760	1.18770	.46780	-.00420	1.27440	-.07265	-.00050	.00250	-.00300	.65300	.05878
.259	26.770	1.24210	.54050	.00270	1.35250	-.07691	-.00230	.00270	.00000	.65100	.06182
.259	28.840	1.25970	.60240	.02480	1.39400	-.07997	-.00350	.00060	.00700	.64500	.07116
.259	30.780	1.14050	.61650	.06490	1.29540	-.05399	-.00090	-.00810	.01000	.63300	.07610
	GRADIENT	.04530	-.00046	.00017	.04606	-.00034	-.00005	-.00004	.00002	-.02492	-.00027

OA37 B26 C9 F9 M7 W116E37V8 R5 (RF2034) (01 JUL 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 INCHES
LREF = 474.8000 INCHES YMRP = .0000 INCHES
BREF = 936.8000 INCHES ZMRP = 375.0000 INCHES
SCALE = .0300 SCALE

PARAMETRIC DATA

BETA = .000 BDFLAP = -12.000
ELEVON = 15.000 AILRON = .000
RUDDER = .000 SPDBRK = 55.000

RUN NO. 34/ 0 RN/L = 1.84 GRADIENT INTERVAL = -6.00/ 6.00

MACH	ALPHA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.259	-4.010	.02440	.05560	-.07080	.02050	.05718	.00120	-.00060	.00000	1.92300	.05179
.259	-1.960	.11660	.05700	-.07150	.11460	.06097	.00110	-.00090	.00000	.88100	.05090
.259	-.940	.16750	.05770	-.07240	.16650	.06055	.00110	-.00110	-.00100	.81200	.05136
.259	.110	.21150	.05960	-.07230	.21160	.05926	.00110	-.00130	-.00100	.77700	.05083
.259	1.160	.26160	.06390	-.07250	.26290	.05862	.00110	-.00160	-.00100	.75300	.05011
.259	2.160	.30740	.06700	-.07290	.30970	.05539	.00110	-.00170	-.00100	.73800	.05106
.259	4.170	.39540	.07830	-.07100	.40000	.04930	.00110	-.00190	-.00100	.71700	.04894
.259	6.260	.49080	.09210	-.07260	.49800	.03806	.00080	-.00180	.00000	.70500	.04940
.259	8.280	.59130	.11240	-.07730	.60130	.02602	.00070	-.00250	.00000	.69900	.04840
.259	10.380	.70290	.13890	-.08250	.71650	.00992	.00070	-.00300	-.00100	.69400	.04833
.259	12.420	.80890	.17070	-.08510	.82670	-.00733	.00120	-.00220	-.00300	.69000	.04919
.259	14.460	.91140	.21090	-.08530	.93520	-.02336	.00140	-.00160	-.00500	.68500	.04891
.259	16.530	1.01720	.25870	-.08730	1.04880	-.04149	.00130	-.00070	-.00600	.68200	.05010
.259	18.640	1.12670	.33390	-.09260	1.17430	-.04379	-.00740	-.00550	.01200	.68100	.05360
.259	20.690	1.20070	.40650	-.09030	1.26690	-.04401	-.00320	-.00310	.00400	.67800	.05682
.259	22.750	1.28490	.49060	-.09090	1.37460	-.04447	.00170	.00350	-.00800	.67600	.06319
.259	24.800	1.32930	.56020	-.07410	1.44180	-.04912	.00070	.00470	-.00700	.67100	.06644
.259	26.780	1.32580	.61270	-.04200	1.45970	-.05056	.00140	.00390	-.00800	.66200	.07162
.259	28.800	1.23930	.62330	.01390	1.38630	-.05096	-.00140	-.00330	.00700	.64800	.07859
.259	30.710	1.10870	.62490	.06800	1.27230	-.02907	-.00040	-.00410	.00500	.63200	.08331
	GRADIENT	.04551	.00271	-.00009	.04656	-.00103	-.00001	-.00017	-.00014	-.12025	-.00029

OA37 B26 C9 F9 M7W116E37V8 R5 (RF2036) (01 JUL 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 INCHES
LREF = 474.8000 INCHES YMRP = .0000 INCHES
BREF = 936.8000 INCHES ZMRP = 375.0000 INCHES
SCALE = .0300 SCALE

PARAMETRIC DATA

BETA = .000 BOFLAP = -12.000
ELEVON = .000 AILRON = .000
RUDDER = .000 SPOBRK = 85.000

RUN NO. 36/ 0 RN/L = 1.84 GRADIENT INTERVAL = -6.00/ 6.00

MACH	ALPHA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.259	-4.160	-.28210	.07230	.09080	-.28660	.05164	.00000	-.00060	.00000	.76800	.05065
.259	-2.120	-.18920	.06380	.09040	-.19140	.05685	.00000	-.00070	.00000	.82600	.05038
.259	-1.070	-.14370	.06050	.09040	-.14480	.05780	.00000	-.00050	.00000	.88100	.05030
.259	-.030	-.09830	.05890	.09090	-.09830	.05885	.00000	-.00050	.00000	.99200	.04844
.259	.940	-.05360	.05730	.09160	-.05260	.05818	.00000	-.00070	.00000	1.29200	.04934
.259	1.980	-.00870	.05630	.09260	-.00670	.05659	.00000	-.00080	.00000	5.67600	.04878
.259	4.040	.08550	.05680	.09240	.08930	.05063	-.00010	-.00070	.00000	.27100	.04775
.259	6.110	.17980	.06060	.09120	.18530	.04116	.00000	-.00100	.00000	.47100	.04682
.259	8.180	.27990	.06920	.08970	.28690	.02866	-.00010	-.00100	.00000	.53700	.04650
.259	10.230	.38430	.08370	.08700	.39300	.01410	.00000	-.00140	.00000	.57000	.04554
.259	12.300	.48540	.10370	.08680	.49640	-.00210	.00030	-.00110	-.00200	.58700	.04574
.259	14.370	.58760	.13150	.08690	.60190	-.01846	.00000	-.00090	-.00100	.59900	.04601
.259	16.420	.69940	.16770	.08350	.71830	-.03686	.00000	-.00040	-.00200	.60900	.04755
.259	18.490	.81980	.22770	.07410	.84970	-.04400	-.00580	-.00170	.00600	.62000	.05074
.259	20.570	.92110	.28630	.07120	.96300	-.05561	-.00800	-.00490	.01100	.62400	.05226
.259	22.640	1.01500	.35290	.07160	1.07270	-.06501	-.00380	-.00170	.00200	.62700	.05561
.259	24.690	1.08960	.43010	.07420	1.16150	-.06064	-.00070	.00220	-.00200	.62800	.05798
.259	26.730	1.14320	.50070	.08100	1.24630	-.06715	-.00160	.00210	-.00100	.62800	.06289
.259	28.760	1.15300	.55370	.10190	1.27720	-.06932	-.00210	-.00070	.00300	.62200	.06857
.259	30.700	1.04230	.56720	.14580	1.18580	-.04456	.00000	-.00810	.00700	.60600	.07238
	GRADIENT	.04467	-.00187	.00028	.04569	-.00010	-.00001	-.00002	.00000	.18780	-.00037

OA37 B26 C9 F9 M7W116E37V8 R5 (RF2037) (01 JUL 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 INCHES
LREF = 474.8000 INCHES YMRP = .0000 INCHES
BREF = 936.8000 INCHES ZMRP = 375.0000 INCHES
SCALE = .0300 SCALE

PARAMETRIC DATA

ALPHA = .000 BDFLAP = -12.000
ELEVON = .000 AILRON = .000
RUDDER = .000 SPDBRK = 85.000

RUN NO. 37/ 0 RN/L = 1.84 GRADIENT INTERVAL = -6.00/ 6.00

MACH	BETA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.259	-10.140	-.07510	.04440	.07010	-.07520	.04438	-.01540	.00710	.18300	.99500	.05485
.259	-8.140	-.08020	.05020	.07700	-.08020	.05018	-.01220	.00560	.14700	1.00500	.05328
.259	-6.120	-.08540	.05490	.08280	-.08540	.05490	-.00800	.00360	.10800	1.00800	.05180
.259	-4.060	-.09100	.05720	.08810	-.09110	.05721	-.00390	.00160	.06900	1.00800	.05213
.259	-2.050	-.09610	.05850	.08980	-.09610	.05848	-.00080	.00000	.03200	.99600	.05040
.259	-.070	-.09690	.05830	.09110	-.09690	.05831	.00000	-.00050	.00100	.99800	.04990
.259	1.970	-.09490	.05730	.09050	-.09490	.05730	.00050	-.00080	-.02900	1.00200	.04984
.259	4.000	-.09400	.05560	.08850	-.09400	.05558	.00280	-.00230	-.06300	.99800	.05221
.259	6.030	-.08850	.05210	.08340	-.08860	.05214	.00700	-.00450	-.10200	.99800	.05339
.259	8.060	-.08110	.04680	.07730	-.08120	.04681	.01120	-.00670	-.14100	1.00200	.05390
.259	10.070	-.07640	.04170	.07240	-.07650	.04174	.01540	-.00860	-.18000	1.00000	.05355
	GRADIENT	-.00024	-.00022	.00007	-.00023	-.00022	.00073	-.00043	-.01614	-.00069	-.00002

OA37 B26 C9 F9 M7W116E37V8 R5 (RF2038) (01 JUL 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 INCHES
LREF = 474.8000 INCHES YMRP = .0000 INCHES
BREF = 936.8000 INCHES ZMRP = 375.0000 INCHES
SCALE = .0300 SCALE

PARAMETRIC DATA

ALPHA = 10.000 BDFLAP = -12.000
ELEVON = .000 AILRON = .000
RUDDER = .000 SPDBRK = 85.000

RUN NO. 38/ 0 RN/L = 1.84 GRADIENT INTERVAL = -6.00/ 6.00

MACH	BETA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.259	-10.120	.40130	.07190	.06690	.40770	-.00046	-.01390	.02090	.17700	.59100	.05545
.259	-8.120	.39680	.07610	.07260	.40400	.00445	-.01060	.01640	.14200	.58500	.05263
.259	-6.110	.39250	.08020	.07860	.40050	.00917	-.00700	.01110	.10500	.57900	.05066
.259	-4.040	.38890	.08110	.08230	.39710	.01069	-.00380	.00620	.06900	.57500	.05069
.259	-2.080	.38970	.08410	.08490	.39850	.01360	-.00120	.00200	.03400	.57300	.04824
.259	-.030	.38590	.08380	.08700	.39460	.01405	-.00010	-.00120	.00100	.57000	.04641
.259	1.980	.38550	.08400	.08640	.39430	.01417	.00090	-.00440	-.03100	.57100	.04604
.259	4.000	.38580	.08280	.08580	.39440	.01293	.00310	-.00810	-.06500	.57200	.04782
.259	6.050	.38800	.08050	.08380	.39620	.01028	.00610	-.01280	-.10100	.57400	.05025
.259	8.050	.39390	.07580	.07620	.40110	.00454	.00990	-.01780	-.13800	.58200	.05284
.259	10.090	.39790	.07140	.07020	.40430	-.00045	.01320	-.02260	-.17400	.58800	.05511
	GRADIENT	-.00052	.00016	.00042	-.00048	.00025	.00079	-.00174	-.01653	-.00040	-.00039

OA37 B26 C9 F9 M7W116E37V8 R5 (RF2039) (01 JUL 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 INCHES
LREF = 474.8000 INCHES YMRP = .0000 INCHES
BREF = 936.8000 INCHES ZMRP = 375.0000 INCHES
SCALE = .0300 SCALE

PARAMETRIC DATA

ALPHA = 15.000 BDFLAP = -12.000
ELEVON = .000 AILRON = .000
RUDDER = .000 SPDBRK = 85.000

RUN NO. 39/ 0 RN/L = 1.84 GRADIENT INTERVAL = -6.00/ 6.00

MACH	BETA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.259	-10.110	.66970	.13850	.05830	.68250	-.04385	-.01330	.02910	.17400	.62000	.05728
.259	-8.110	.66130	.14250	.06880	.67550	-.03774	-.00950	.02250	.13700	.61400	.05385
.259	-6.080	.65290	.14770	.07680	.66870	-.03056	-.00560	.01570	.09900	.60900	.05028
.259	-4.090	.64770	.14740	.08000	.66360	-.02943	-.00390	.00980	.06600	.60700	.04935
.259	-2.020	.64770	.14890	.08430	.66400	-.02785	-.00170	.00370	.03200	.60500	.04858
.259	-.060	.64810	.15080	.08580	.66490	-.02625	.00000	-.00060	.00000	.60400	.04717
.259	1.970	.65080	.15150	.08560	.66770	-.02622	.00130	-.00540	-.03200	.60400	.04630
.259	4.010	.65320	.14960	.08310	.66950	-.02886	.00360	-.01170	-.06600	.60600	.04782
.259	6.060	.65620	.14960	.07990	.67240	-.02959	.00610	-.01770	-.10100	.60800	.04860
.259	8.040	.66890	.14650	.07050	.68380	-.03596	.00980	-.02440	-.13800	.61400	.05173
.259	10.080	.67770	.14110	.05890	.69090	-.04357	.01340	-.03080	-.17500	.62000	.05478
	GRADIENT	.00070	.00035	.00037	.00077	.00014	.00089	-.00258	-.01625	-.00015	-.00026

OA37 B26 C9 F9 M7W116E37V8 R5 (RF2040) (01 JUL 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 INCHES
LREF = 474.8000 INCHES YMRP = .0000 INCHES
BREF = 936.8000 INCHES ZMRP = 375.0000 INCHES
SCALE = .0300 SCALE

PARAMETRIC DATA

ALPHA = 20.000 BDFLAP = -12.000
ELEVON = .000 AILRON = .000
RUDDER = .000 SPDBRK = 85.000

RUN NO. 40/ 0 RN/L = 1.84 GRADIENT INTERVAL = -6.00/ 6.00

MACH	BETA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.259	-10.130	.92620	.29170	.03730	.97160	-.05311	-.02350	.02790	.19500	.63800	.06020
.259	-8.130	.92250	.29500	.04990	.96740	-.04800	-.01790	.02100	.15300	.63300	.05724
.259	-6.110	.91500	.29610	.06390	.96070	-.04443	-.01370	.01450	.11600	.62700	.05274
.259	-4.020	.90780	.29440	.06890	.95330	-.04336	-.01150	.00770	.08200	.62500	.05120
.259	-2.060	.91150	.29590	.06760	.95740	-.04307	-.00800	.00110	.04400	.62600	.05217
.259	-.040	.91760	.29340	.06950	.96220	-.04765	-.00460	-.00400	.00900	.62500	.05291
.259	1.980	.91950	.29130	.06940	.96320	-.05041	-.00120	-.00790	-.02600	.62500	.05144
.259	4.000	.92000	.28880	.07180	.96280	-.05299	.00220	-.01270	-.06400	.62400	.05246
.259	6.070	.92720	.29200	.06770	.97070	-.05225	.00540	-.01790	-.10100	.62600	.05236
.259	8.070	.94430	.29370	.05360	.98730	-.05714	.01070	-.02420	-.14100	.63200	.05524
.259	10.080	.95700	.29040	.03210	.99800	-.06458	.01680	-.03070	-.18500	.64000	.05761
	GRADIENT	.00161	-.00079	.00038	.00123	-.00133	.00170	-.00248	-.01803	-.00015	.00009

OA37 B26 C9 F9 M7W116E37V8 R5 (RF2041) (01 JUL 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 INCHES
LREF = 474.8000 INCHES YMRP = .0000 INCHES
BREF = 936.8000 INCHES ZMRP = 375.0000 INCHES
SCALE = .0300 SCALE

PARAMETRIC DATA

BETA = .000 BDFLAP = .000
ELEVON = .000 AILRON = .000
RUDDER = .000 SPDBRK = 85.000

RUN NO. 41/ 0 RN/L = 1.84 GRADIENT INTERVAL = -6.00/ 6.00

MACH	ALPHA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.259	-4.150	-.25450	.07030	.07300	-.25890	.05172	-.00080	-.00070	.00300	.75500	.04857
.259	-2.090	-.16140	.06250	.07320	-.16350	.05656	-.00080	-.00070	.00300	.81700	.04906
.259	-1.080	-.11610	.05990	.07330	-.11720	.05770	-.00080	-.00060	.00200	.88200	.04896
.259	-.020	-.06920	.05720	.07350	-.06920	.05722	-.00080	-.00070	.00200	1.04300	.04881
.259	.980	-.02340	.05620	.07420	-.02250	.05667	-.00060	-.00080	.00200	1.86600	.04878
.259	2.010	.02010	.05630	.07460	.02210	.05563	-.00070	-.00090	.00200	-.59000	.04732
.259	4.090	.11550	.05680	.07420	.11930	.04850	-.00060	-.00090	.00100	.42300	.04762
.259	6.120	.21190	.06370	.07320	.21740	.04077	-.00050	-.00110	.00100	.52800	.04529
.259	8.190	.31330	.07200	.07100	.32040	.02669	-.00060	-.00110	.00200	.57000	.04643
.259	10.260	.41480	.08770	.06810	.42380	.01249	-.00020	-.00140	.00000	.59300	.04513
.259	12.320	.51570	.10800	.06800	.52680	-.00448	.00000	-.00110	.00000	.60400	.04620
.259	14.380	.62030	.13850	.06800	.63520	-.01993	-.00010	-.00110	.00000	.61200	.04575
.259	16.400	.73300	.17530	.06420	.75260	-.03887	-.00010	-.00040	-.00100	.62000	.04844
.259	18.520	.85330	.23880	.05460	.88500	-.04469	-.00620	-.00250	.00700	.62900	.05038
.259	20.590	.95700	.29890	.05120	1.00100	-.05690	-.00840	-.00540	.01200	.63300	.05280
.259	22.650	1.04760	.36740	.05230	1.10830	-.06440	-.00420	-.00200	.00400	.63400	.05482
.259	24.710	1.11890	.44570	.05540	1.20270	-.06281	-.00050	.00220	-.00300	.63500	.05990
.259	26.750	1.17670	.51860	.06220	1.28420	-.06667	-.00160	.00180	-.00100	.63400	.06389
.259	28.750	1.18760	.57470	.08090	1.31760	-.06747	-.00240	-.00050	.00300	.62900	.06894
.259	30.710	1.07380	.58810	.12440	1.22360	-.04273	.00060	-.00920	.00800	.61400	.07287
	GRADIENT	.04479	-.00162	.00020	.04578	-.00037	.00003	-.00003	-.00023	-.07304	-.00017

OA37 B26 C9 F9 M7M116E37V8 R5 (RF2042) (01 JUL 74)

REFERENCE DATA

SREF = 2590.0000 SQ.FT. XMRP = 1076.7000 INCHES
LREF = 474.8000 INCHES YMRP = .0000 INCHES
BREF = 936.8000 INCHES ZMRP = 375.0000 INCHES
SCALE = .0300 SCALE

PARAMETRIC DATA

BETA = .000 BDFLAP = 16.000
ELEVON = .000 AILRON = .000
RUDDER = .000 SPDBRK = 85.000

RUN NO. 42/ 0 RN/L = 1.84 GRADIENT INTERVAL = -6.00/ 6.00

MACH	ALPHA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.259	-4.130	-.21470	.06920	.04510	-.21910	.05362	.00000	-.00040	.00100	.72800	.04999
.259	-2.070	-.12220	.06340	.04510	-.12440	.05900	.00000	-.00030	.00000	.78500	.04924
.259	-1.060	-.07460	.06180	.04500	-.07570	.06043	-.00010	-.00040	.00000	.87000	.04860
.259	.000	-.02800	.05920	.04530	-.02800	.05925	-.00020	-.00030	.00000	1.24700	.04894
.259	.980	.01600	.06010	.04570	.01700	.05986	-.00020	-.00060	.00000	-.33300	.04736
.259	2.030	.06470	.05940	.04620	.06670	.05714	-.00020	-.00070	.00000	.39700	.04799
.259	4.090	.15940	.06310	.04530	.16350	.05161	-.00030	-.00080	.00000	.55000	.04613
.259	6.150	.25430	.06910	.04370	.26030	.04151	-.00030	-.00090	.00000	.59000	.04598
.259	8.190	.35370	.08020	.04080	.36150	.02896	-.00020	-.00090	.00000	.61000	.04471
.259	10.250	.45840	.09770	.03780	.46850	.01461	-.00010	-.00120	.00000	.62200	.04401
.259	12.300	.55810	.12040	.03690	.57100	-.00132	.00010	-.00120	-.00100	.62800	.04414
.259	14.390	.66370	.15190	.03650	.68060	-.01789	.00000	-.00100	-.00100	.63200	.04509
.259	16.460	.78130	.19240	.03150	.80380	-.03682	.00000	-.00040	-.00200	.63700	.04827
.259	18.500	.89530	.25810	.02030	.93100	-.03944	-.00620	-.00200	.00700	.64400	.05053
.259	20.600	1.00120	.31990	.01870	1.04980	-.05285	-.00860	-.00510	.01200	.64500	.05476
.259	22.660	1.08980	.39000	.01930	1.15600	-.06009	-.00450	-.00190	.00500	.64500	.05835
.259	24.720	1.16080	.47060	.02230	1.25120	-.05797	-.00050	.00190	-.00300	.64500	.06316
.259	26.770	1.22120	.54760	.02940	1.33700	-.06122	-.00180	.00100	.00000	.64490	.06627
.259	28.790	1.22960	.60600	.04680	1.36950	-.06106	-.00160	-.00160	.00200	.63900	.07289
.259	30.760	1.13190	.62630	.08730	1.29310	-.04077	.00010	-.00900	.00800	.62700	.07957
	GRADIENT	.04547	-.00079	.00009	.04651	-.00029	-.00004	-.00006	-.00009	-.06161	-.00044

OA37 B26 C9 F9 M7W116E37V8 R5 (RF2043) (01 JUL 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 INCHES
LREF = 474.8500 INCHES YMRP = .0000 INCHES
BREF = 936.8000 INCHES ZMRP = 375.0000 INCHES
SCALE = .0300 SCALE

PARAMETRIC DATA

BETA = .000 BDFLAP = -12.000
ELEVON = 15.000 AILRON = .000
RUDDER = .000 SPOBRK = 85.000

RUN NO. 43/ 0 RN/L = 1.84 GRADIENT INTERVAL = -6.00/ 6.00

MACH	ALPHA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.259	-4.040	.00830	.07140	-.04840	.00320	.07189	.00050	-.00070	.00000	6.09900	.06072
.259	-1.970	.10250	.07220	-.04950	.10000	.07574	.00050	-.00090	.00000	.83400	.05925
.259	-.960	.14680	.07360	-.04980	.14550	.07606	.00060	-.00100	.00000	.77800	.05931
.259	.090	.19450	.07590	-.05060	.19460	.07564	.00060	-.00110	.00000	.74700	.05839
.259	1.100	.24270	.07880	-.05040	.24420	.07418	.00060	-.00150	.00000	.72800	.05778
.259	2.140	.28900	.08220	-.05100	.29190	.07136	.00060	-.00150	.00000	.71600	.05791
.259	4.190	.37990	.09350	-.04940	.38570	.06547	.00070	-.00160	.00000	.69900	.05538
.259	6.250	.47640	.10630	-.05090	.48510	.05377	.00060	-.00170	-.00100	.69000	.05511
.259	8.300	.57330	.12620	-.05460	.58550	.04213	.00050	-.00240	.00000	.68600	.05366
.259	10.320	.68080	.15020	-.05930	.69670	.02572	.00060	-.00280	-.00100	.68300	.05467
.259	12.430	.78510	.18280	-.06320	.80600	.00946	.00090	-.00190	-.00300	.68100	.05426
.259	14.500	.89750	.22350	-.06370	.92490	-.00832	.00100	-.00130	-.00300	.67700	.05554
.259	16.540	.99870	.27020	-.06490	1.03430	-.02542	.00090	-.00040	-.00300	.67590	.05540
.259	18.650	1.10770	.34290	-.07000	1.15920	-.02930	-.00720	-.00430	.01100	.67400	.05918
.259	20.660	1.18610	.41600	-.06960	1.25660	-.02943	-.00390	-.00320	.00600	.67250	.06279
.259	22.750	1.27000	.50150	-.06970	1.36520	-.02887	.00030	.00290	-.00400	.67000	.06845
.259	24.800	1.35800	.56740	-.05390	1.42530	-.03368	.00030	.00500	-.00500	.66600	.07068
.259	26.820	1.31100	.62140	-.02030	1.45030	-.03709	.00150	.00330	-.00900	.65700	.07688
.259	28.790	1.22370	.63130	.03860	1.37650	-.03624	-.00110	-.00140	.00100	.64100	.08325
.259	30.740	1.09320	.63490	.09100	1.26410	-.01319	-.00040	-.00460	.00600	.62500	.08502
	GRADIENT	.04526	.00263	-.00018	.04659	-.00084	.00002	-.00012	.00000	-.50712	-.00059

OA37 B26 C9 F9 M7 W116E37V8 R5 (RF2044) (01 JUL 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 INCHES
LREF = 474.8000 INCHES YMRP = .0000 INCHES
BREF = 936.8000 INCHES ZMRP = 375.0000 INCHES
SCALE = .0300 SCALE

PARAMETRIC DATA

ALPHA = .000 BDFLAP = -12.000
ELEVON = .000 AILRON = .000
RUDDER = -10.000 SPDBRK = 25.000

RUN NO. 44/ 0 RN/L = 1.84 GRADIENT INTERVAL = -6.00/ 6.00

MACH	BETA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.259	-10.150	-.04470	.01890	.03640	-.04470	.01895	.00060	-.00080	.14700	.95100	.04102
.259	-8.070	-.04960	.02260	.04040	-.04960	.02257	.00360	-.00230	.11300	.95200	.04067
.259	-6.090	-.05380	.02520	.04470	-.05380	.02527	.00750	-.00450	.07400	.95800	.03978
.259	-4.040	-.05970	.02830	.04760	-.05970	.02830	.01120	-.00670	.03600	.94500	.03844
.259	-2.030	-.06300	.03050	.05030	-.06300	.03056	.01355	-.00810	.00100	.94600	.03775
.259	-.020	-.06590	.03140	.05120	-.06590	.03146	.01480	-.00940	-.03000	.93700	.03719
.259	2.000	-.06430	.03180	.05010	-.06430	.03176	.01610	-.01030	-.06200	.93800	.03842
.259	4.010	-.06140	.02970	.04850	-.06140	.02978	.01800	-.01190	-.09600	.94200	.03981
.259	6.040	-.06040	.02730	.04650	-.06040	.02729	.01960	-.01280	-.13000	.93500	.04193
.259	8.050	-.05620	.02480	.04550	-.05630	.02485	.02040	-.01270	-.16200	.94600	.04316
.259	10.100	-.05560	.02090	.04350	-.05560	.02095	.02030	-.01220	-.19300	.94000	.04532
	GRADIENT	-.00023	.00020	.00008	-.00023	.00021	.00080	-.00063	-.01624	-.00070	.00017

OA37 B26 C9 F9 M7 W116E37V8 R5 (RF2045) (01 JUL 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 INCHES
LREF = 474.8000 INCHES YMRP = .0000 INCHES
BREF = 936.8000 INCHES ZMRP = 375.0000 INCHES
SCALE = .0300 SCALE

PARAMETRIC DATA

ALPHA = 10.000 BDFLAP = -12.000
ELEVON = .000 AILRON = .000
RUDDER = -10.000 SPDBRK = 25.000

RUN NO. 45/ 0 RN/L = 1.84 GRADIENT INTERVAL = -6.00/ 6.00

MACH	BETA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.259	-10.140	.42810	.05150	.03550	.43050	-.02535	-.00130	.01520	.15100	.62100	.04292
.259	-8.110	.42730	.05340	.03860	.43000	-.02352	.00250	.01000	.11400	.61900	.04140
.259	-6.120	.42320	.05760	.04310	.42670	-.01846	.00580	.00470	.07800	.61400	.03866
.259	-4.080	.42230	.05980	.04550	.42620	-.01625	.00920	-.00040	.04200	.61200	.03653
.259	-2.060	.42230	.06100	.04740	.42650	-.01513	.01100	-.00500	.00900	.61100	.03604
.259	.000	.42180	.06150	.04730	.42600	-.01448	.01300	-.00880	-.02400	.61100	.03596
.259	2.000	.41890	.06150	.04660	.42320	-.01396	.01440	-.01250	-.05700	.61100	.03668
.259	4.010	.41920	.06000	.04640	.42320	-.01544	.01640	-.01650	-.09200	.61100	.03869
.259	6.040	.42220	.05840	.04470	.42590	-.01750	.01840	-.02070	-.12600	.61300	.04042
.259	8.070	.42270	.05570	.04370	.42590	-.02037	.02020	-.02450	-.16000	.61400	.04381
259	10.100	.42300	.05450	.04270	.42600	-.02160	.02160	-.02840	-.19200	.61500	.04627
	GRADIENT	-.00047	.00005	.00005	-.00046	.00014	.00088	-.00196	-.01650	-.00015	.00024

OA37 B26 C9 F9 M7 W116E37V8 R5 (RF2046) (01 JUL 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 INCHES
LREF = 474.8000 INCHES YMRP = .0000 INCHES
BREF = 936.8000 INCHES ZMRP = 375.0000 INCHES
SCALE = .0300 SCALE

PARAMETRIC DATA

ALPHA = 15.000 BDFLAP = -12.000
ELEVON = .000 AILRON = .000
RUDDER = -10.000 SPOBRK = 25.000

RUN NO. 46/ 0 RN/L = 1.84 GRADIENT INTERVAL = -6.00/ 6.00

MACH	BETA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.259	-10.130	.69840	.12130	.02730	.70550	-.06809	-.00170	.02380	.15000	.63700	.04622
.259	-8.130	.69470	.12420	.03220	.70280	-.06430	.00220	.01680	.11300	.63500	.04364
.259	-6.120	.68790	.12710	.03910	.69709	-.06006	.00580	.00980	.07700	.63100	.04033
.259	-4.050	.68680	.12880	.04150	.69640	-.05789	.00800	.00320	.04200	.65000	.03824
.259	-2.070	.68360	.12900	.04470	.69360	-.05673	.01030	-.00310	.01000	.62800	.03790
.259	-.030	.68870	.13140	.04580	.69900	-.05574	.01270	-.00820	-.02400	.62800	.03803
.259	2.010	.68460	.13100	.04500	.69490	-.05514	.01490	-.01340	-.06000	.62800	.03873
.259	4.040	.68700	.12960	.04370	.69680	-.05705	.01690	-.01960	-.09300	.62900	.03913
.259	6.050	.68890	.12830	.03930	.69830	-.05882	.01980	-.02630	-.12900	.63100	.04007
.259	8.100	.69910	.12820	.03530	.70810	-.06167	.02030	-.03100	-.16100	.63300	.04385
.259	10.100	.69980	.12680	.03090	.70840	-.06323	.02200	-.03670	-.19200	.63600	.04793
	GRADIENT	.00006	.00018	.00023	.00010	.00016	.00111	-.00276	-.01678	-.00010	.00013

OA37 B26 C9 F9 M7 W116E37V8 R5 (RF2047) (01 JUL 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 INCHES
LREF = 474.8000 INCHES YMRP = .0000 INCHES
BREF = 936.8000 INCHES ZMRP = 375.0000 INCHES
SCALE = .0300 SCALE

PARAMETRIC DATA

ALPHA = 20.000 BDFLAP = -12.000
ELEVON = .000 AILRON = .000
RUDDER = -10.000 SPOBRK = 25.000

RUN NO. 47/ 0 RN/L = 1.84 GRADIENT INTERVAL = -6.00/ 6.00

MACH	BETA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.259	-10.120	.97180	.28240	.00160	1.00910	-.07743	-.01330	.02280	.17000	.65100	.05126
.259	-8.110	.97290	.28460	.00930	1.01090	-.07563	-.00840	.01590	.13200	.64800	.04873
.259	-6.090	.96080	.28140	.02180	.99840	-.07452	-.00380	.00890	.09400	.64400	.04485
.259	-4.070	.95490	.28170	.02700	.99300	-.07183	-.00030	.00130	.05700	.64200	.04330
.259	-2.040	.95830	.28420	.02730	.99700	-.07092	.00380	-.00560	.01900	.64200	.04324
.259	-.020	.96240	.28220	.02830	1.00020	-.07435	.00860	-.01110	-.01900	.64100	.04366
.259	2.020	.96390	.28060	.02960	1.00100	-.07646	.01300	-.01630	-.05800	.64100	.04358
.259	4.030	.96430	.27770	.03010	1.00040	-.07900	.01720	-.02180	-.09700	.64100	.04268
.259	6.090	.97150	.27860	.02490	1.00740	-.08095	.02090	-.02710	-.13500	.64300	.04427
.259	8.110	.98490	.28170	.01520	1.02100	-.08294	.02200	-.03140	-.16600	.64600	.04792
.259	10.130	.99500	.28180	.00190	1.03050	-.08641	.02670	-.03700	-.20500	.65100	.05228
	GRADIENT	.00120	-.00057	.00042	.00093	-.00098	.00218	-.00281	-.01900	-.00015	-.00004

OA37 B26 C9 F9 M7 W116E37V8 R5 (RF2048) (01 JUL 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 INCHES
LREF = 474.8000 INCHES YMRP = .0000 INCHES
BREF = 936.8000 INCHES ZMRP = 375.0000 INCHES
SCALE = .0300 SCALE

PARAMETRIC DATA

ALPHA = .000 BDFLAP = -12.000
ELEVON = .000 AILRON = .000
RUDDER = -25.000 SPDBRK = 25.000

RUN NO. 48/ 0 RN/L = 1.84 GRADIENT INTERVAL = -6.00/ 6.00

MACH	BETA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.259	-10.130	-.05100	.02580	.04560	-.05100	.02590	.01810	-.01090	.11100	.98100	.04311
.259	-8.120	-.05520	.03130	.05190	-.05520	.03131	.02220	-.01320	.07300	.99800	.04206
.259	-6.100	-.06210	.03540	.05720	-.06210	.03540	.02640	-.01560	.03400	.99100	.04130
.259	-4.080	-.06790	.03870	.06140	-.06790	.03873	.03010	-.01770	-.00200	.98500	.04141
.259	-2.060	-.07180	.04070	.06310	-.07190	.04068	.03070	-.01820	-.03400	.97500	.04112
.259	.000	-.07280	.04130	.06340	-.07280	.04130	.03090	-.01860	-.06400	.97200	.04117
.259	2.020	-.07320	.04040	.06120	-.07320	.04046	.03180	-.01960	-.09500	.96000	.04320
.259	4.040	-.06940	.03890	.05890	-.06940	.03891	.03350	-.02070	-.13000	.96400	.04428
.259	6.070	-.06720	.03590	.05720	-.06720	.03597	.03260	-.01970	-.15900	.96500	.04601
.259	8.100	-.06350	.03230	.05500	-.06350	.03231	.03090	-.01820	-.18600	.97000	.04788
.259	10.120	-.06090	.02840	.05510	-.06090	.02844	.02870	-.01630	-.21100	.98500	.04960
	GRADIENT	-.00022	.00001	-.00034	-.00021	.00001	.00039	-.00036	-.01560	-.00281	.00038

OA37 B26 C9 F9 M7 W116E37V8 R5 (RF2049) (01 JUL 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 INCHES
LREF = 474.8000 INCHES YMRP = .0000 INCHES
BREF = 936.8000 INCHES ZMRP = 375.0000 INCHES
SCALE = .0300 SCALE

PARAMETRIC DATA

ALPHA = 10.000 BDFLAP = -12.000
ELEVON = .000 AILRON = .000
RUDDER = -25.000 SPDBRK = 25.000

RUN NO. 49/ 0 RN/L = 1.84 GRADIENT INTERVAL = -6.00/ 6.00

MACH	BETA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.259	-10.130	.42050	.05820	.04590	.42410	-.01769	.01510	.00580	.11700	.61200	.04398
.259	-8.090	.41740	.06250	.05010	.42190	-.01299	.01910	.00050	.07900	.60800	.04204
.259	-6.100	.41340	.06600	.05550	.41850	-.00879	.02280	-.00480	.04100	.60300	.04016
.259	-4.080	.41250	.06790	.05790	.41800	-.00665	.02610	-.01020	.00500	.60100	.03918
.259	-2.060	.40970	.06960	.05960	.41550	-.00453	.02750	-.01430	-.02600	.59900	.03794
.259	-.010	.41220	.07010	.05830	.41810	-.00446	.02810	-.01750	-.05700	.60000	.03963
.259	2.000	.41110	.07020	.05670	.41700	-.00424	.02880	-.02060	-.08900	.60200	.03971
.259	4.050	.41230	.06770	.05530	.41780	-.00694	.02970	-.02400	-.12000	.60300	.04215
.259	6.070	.41150	.06520	.05490	.41660	-.00927	.03000	-.02690	-.15200	.60300	.04360
.259	8.110	.41440	.06230	.05330	.41890	-.01247	.02880	-.02890	-.18100	.60500	.04740
.259	10.130	.41390	.06040	.05270	.41800	-.01433	.02900	-.03180	-.21000	.60500	.05019
	GRADIENT	.00005	.00001	-.00045	.00006	-.00002	.00042	-.00167	-.01543	.00035	.00038

OA37 B26 C9 F9 M7 W116E37V8 R5 (RF2050) (01 JUL 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 INCHES
LREF = 474.8000 INCHES YMRP = .0000 INCHES
BREF = 936.8000 INCHES ZMRP = 375.0000 INCHES
SCALE = .0300 SCALE

PARAMETRIC DATA

ALPHA = 15.000 BDFLAP = -12.000
ELEVON = .000 AILRON = .000
RUDDER = -25.000 SPDBRK = 25.000

RUN NO. 50/ 0 RN/L = 1.84 GRADIENT INTERVAL = -6.00/ 6.00

MACH	BETA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.259	-10.130	.69130	.12690	.03630	.70020	-.06112	.01430	.01480	.11700	.63300	.04720
.259	-8.110	.68290	.13100	.04430	.69320	-.05511	.01870	.00730	.07800	.62800	.04396
.259	-6.110	.67820	.13410	.05230	.68950	-.05078	.02240	.00040	.04100	.62400	.04160
.259	-4.010	.67580	.13640	.05410	.68780	-.04792	.02470	-.00610	.00800	.62300	.03956
.259	-2.050	.67800	.13800	.05670	.69030	-.04699	.02650	-.01200	-.02400	.62100	.03998
.259	-.030	.67330	.13880	.05600	.68600	-.04496	.02810	-.01630	-.05800	.62200	.03951
.259	2.000	.68060	.13910	.05510	.69310	-.04669	.02920	-.02130	-.09100	.62200	.04199
.259	4.040	.68150	.13550	.05290	.69300	-.05033	.03109	-.02750	-.12400	.62400	.04296
.259	6.060	.68460	.13530	.04880	.69600	-.05140	.03120	-.03230	-.15400	.62600	.04199
.259	8.120	.69000	.13370	.04490	.70070	-.05441	.02890	-.03500	-.18000	.62800	.04555
.259	10.140	.69580	.13240	.03990	.70590	-.05724	.02980	-.04050	-.21100	.63100	.04922
	GRADIENT	.00070	-.00004	-.00020	.00066	-.00023	.00076	-.00259	-.01643	.00015	.00044

OA37 B26 C9 F9 M7 W116E37V8 R5 (RF2051) (01 JUL 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 INCHES
LREF = 474.8000 INCHES YMRP = .0000 INCHES
BREF = 936.8000 INCHES ZMRP = 375.0000 INCHES
SCALE = .0300 SCALE

PARAMETRIC DATA

ALPHA = 20.000 BDFLAP = -12.000
ELEVON = .000 AILRON = .000
RUDDER = -25.000 SPDBRK = 25.000

RUN NO. 51/ 0 RN/L = 1.84 GRADIENT INTERVAL = -6.00/ 6.00

MACH	BETA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.259	-10.120	.96380	.28520	.00890	1.00260	-.07170	.00280	.01370	.13700	.64800	.05261
.259	-8.110	.95600	.28680	.02040	.99580	-.06744	.00830	.00650	.09750	.64400	.04972
.259	-6.080	.94830	.28620	.03280	.98840	-.06522	.01300	-.00020	.05800	.63900	.04686
.259	-4.080	.94170	.28610	.03930	.98220	-.06301	.01670	-.00800	.02200	.63700	.04606
.259	-2.060	.94530	.28920	.03940	.98660	-.06124	.02030	-.01450	-.01500	.63700	.04631
.259	.000	.94840	.28630	.04030	.98850	-.06517	.02400	-.01980	-.05100	.63700	.04669
.259	2.010	.95310	.28410	.04100	.99220	-.06910	.02790	-.02400	-.08900	.63600	.04715
.259	4.050	.95260	.28170	.04070	.99090	-.07101	.03200	-.03020	-.12700	.63700	.04457
.259	6.070	.96210	.28390	.03370	1.00050	-.07250	.03190	-.03260	-.15800	.63900	.04597
.259	8.120	.97070	.28410	.02440	1.00860	-.07527	.03030	-.03500	-.18300	.64300	.04958
.259	10.150	.98620	.28530	.00960	1.02350	-.07969	.03310	-.04000	-.22200	.64800	.05315
	GRADIENT	.00146	-.00068	.00022	.00113	-.00117	.00188	-.00265	-.01830	-.00005	-.00011

OA37 B26 C9 F9 M7 W116E37V8 R5 (RF2052) (01 JUL 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 INCHES
LREF = 474.8000 INCHES YMRP = .0000 INCHES
BREF = 936.8000 INCHES ZMRP = 375.0000 INCHES
SCALE = .0300 SCALE

PARAMETRIC DATA

ALPHA = .000 BDFLAP = -12.000
ELEVON = .000 AILRON = .000
RUDDER = -10.000 SPDBRK = 55.000

RUN NO. 52/ 0 RN/L = 1.84 GRADIENT INTERVAL = -6.00/ 6.00

MACH	BETA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.259	-10.120	-.05760	.03040	.05080	-.05770	.03041	-.00500	.00210	.16000	.97600	.04666
.259	-8.110	-.06210	.03570	.05680	-.06210	.03577	-.00100	.00000	.12100	.98800	.04668
.259	-6.090	-.06780	.03930	.06180	-.06780	.03930	.00330	-.00230	.08200	.98700	.04615
.259	-4.040	-.07500	.04200	.06520	-.07500	.04197	.00780	-.00470	.04300	.97200	.04479
.259	-2.060	-.07610	.04330	.06800	-.07610	.04332	.00970	-.00590	.00800	.98000	.04346
.259	.000	-.07850	.04460	.06850	-.07850	.04461	.01090	-.00680	-.02400	.97300	.04152
.259	2.010	-.07840	.04360	.06720	-.07850	.04362	.01210	-.00790	-.05500	.96700	.04353
.259	4.040	-.07590	.04270	.06560	-.07600	.04275	.01430	-.00930	-.08900	.96900	.04479
.259	6.060	-.07080	.04030	.06320	-.07080	.04030	.01730	-.01100	-.12600	.98000	.04587
.259	8.090	-.06690	.03530	.05910	-.06690	.03535	.02010	-.01240	-.16300	.97700	.04840
.259	10.140	-.06340	.03200	.05690	-.06340	.03197	.02280	-.01350	-.19800	.98200	.04786
	GRADIENT	-.00020	.00008	-.00000	-.00022	.00009	.00076	-.00055	-.01616	-.00094	.00000

OA37 B26 C9 F9 M7 W116E37V8 R5 (RF2053) (01 JUL 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 INCHES
LREF = 474.8000 INCHES YMRP = .0000 INCHES
BREF = 936.8000 INCHES ZMRP = 375.0000 INCHES
SCALE = .0300 SCALE

PARAMETRIC DATA

ALPHA = 10.000 BDFLAP = -12.000
ELEVON = .000 AILRON = .000
RUDDER = -10.000 SPDBRK = 55.000

RUN NO. 53/ 0 RN/L = 1.84 GRADIENT INTERVAL = -6.00/ 6.00

MACH	BETA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.259	-10.130	.42310	.06030	.04780	.42710	-.01586	-.00600	.01720	.16000	.61000	.05055
.259	-8.110	.41480	.06550	.05290	.41980	-.00933	-.00180	.01210	.12200	.60500	.04604
.259	-6.070	.41290	.06840	.05890	.41850	-.00613	.00190	.00660	.08500	.60000	.04523
.259	-4.050	.40670	.07050	.06210	.41280	-.00296	.00570	.00150	.04700	.59600	.04295
.259	-2.040	.40800	.07220	.06470	.41440	-.00157	.00780	-.00310	.01300	.59400	.04136
.259	.000	.40560	.07240	.06420	.41210	-.00082	.00920	-.00650	-.01900	.59400	.04023
.259	2.010	.40610	.07180	.06420	.41240	-.00152	.01100	-.01030	-.05300	.59400	.04113
.259	4.030	.40640	.07160	.06200	.41270	-.00163	.01310	-.01420	-.08600	.59600	.04220
.259	6.070	.40980	.06780	.06010	.41530	-.00607	.01600	-.01890	-.12300	.59800	.04503
.259	8.110	.41300	.06450	.05620	.41790	-.01002	.01900	-.02350	-.15900	.60200	.04778
.259	10.140	.41130	.06260	.05510	.41590	-.01153	.02130	-.02790	-.19300	.60300	.04989
	GRADIENT	-.00012	.00009	-.00003	-.00011	.00013	.00089	-.00191	-.01643	-.00000	-.00009

OA37 B26 C9 F9 M7 W116E37V8 R5 (RF2054) (01 JUL 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 INCHES
LREF = 474.8000 INCHES YMRP = .0000 INCHES
BREF = 936.8000 INCHES ZMRP = 375.0000 INCHES
SCALE = .0300 SCALE

PARAMETRIC DATA

ALPHA = 15.000 BDFLAP = -12.000
ELEVON = .000 AILRON = .000
RUDDER = -10.000 SPDBRK = 55.000

RUN NO. 54/ 0 RN/L = 1.84 GRADIENT INTERVAL = -6.00/ 6.00

MACH	BETA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.259	-10.130	.68690	.12900	.03960	.69650	-.05765	-.00560	.02560	.15700	.63100	.05218
.259	-8.110	.68320	.13360	.04880	.69420	-.05222	-.00150	.01870	.12000	.62600	.04867
.259	-6.090	.67040	.13610	.05620	.68250	-.04631	.00210	.01170	.08300	.62100	.04566
.259	-4.050	.67000	.13820	.05880	.68270	-.04419	.00470	.00510	.04800	.62000	.04353
.259	-2.040	.66460	.13910	.06190	.67770	-.04195	.00700	-.00100	.01500	.61800	.04117
.259	.010	.67100	.14000	.06280	.68420	-.04283	.00920	-.00570	-.01900	.61800	.04188
.259	2.020	.67180	.14050	.06200	.68500	-.04255	.01120	-.01090	-.05400	.61800	.04182
.259	4.030	.67350	.13880	.05980	.68620	-.04460	.01400	-.01740	-.08800	.62000	.04317
.259	6.080	.67710	.13790	.05510	.68950	-.04649	.01620	-.02370	-.12300	.62200	.04356
.259	8.110	.68780	.13500	.04830	.69900	-.05209	.01970	-.02990	-.16100	.62600	.04769
.259	10.140	.68960	.13280	.04230	.70010	-.05483	.02210	-.03590	-.19400	.62900	.05067
	GRADIENT	.00070	.00013	.00010	.00071	-.00007	.00113	-.00271	-.01686	-.00000	-.00000

OA37 B26 C9 F9 M7 W116E37V8 R5 (RF2055) (01 JUL 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 INCHES
LREF = 474.8000 INCHES YMRP = .0000 INCHES
BREF = 936.8000 INCHES ZMRP = 375.0000 INCHES
SCALE = .0300 SCALE

PARAMETRIC DATA

ALPHA = 20.000 BDFLAP = -12.000
ELEVON = .000 AILRON = .000
RUDDER = -10.000 SPDBRK = 55.000

RUN NO. 55/ 0 RN/L = 1.84 GRADIENT INTERVAL = -6.00/ 6.00

MACH	BETA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.259	-10.140	.95700	.28800	.01600	.99720	-.06679	-.01730	.02480	.17700	.64600	.05502
.259	-8.130	.95290	.29300	.02780	.99510	-.06067	-.01140	.01760	.13600	.64100	.05157
.259	-6.110	.94540	.28980	.04090	.98690	-.06098	-.00670	.01060	.09700	.63600	.04994
.259	-4.050	.94100	.29050	.04570	.98310	-.05879	-.00360	.00340	.06200	.63500	.04667
.259	-2.070	.94490	.29120	.04540	.98700	-.05922	.00020	-.00350	.02500	.63500	.04810
.259	-.010	.94570	.29020	.04620	.98730	-.06084	.00410	-.00870	-.01100	.63400	.04615
.259	2.000	.94770	.28660	.04600	.98800	-.06490	.00850	-.01350	-.05000	.63400	.04717
.259	4.050	.95450	.28470	.04720	.99360	-.06914	.01300	-.01940	-.09000	.63400	.04780
.259	6.060	.96220	.28770	.04230	1.00190	-.06911	.01650	-.02450	-.12500	.63600	.04764
.259	8.110	.97460	.28680	.02930	1.01320	-.07419	.02100	-.03050	-.16400	.64100	.05214
.259	10.130	.98420	.28910	.01310	1.02310	-.07548	.02600	-.03620	-.20600	.64700	.05264
	GRADIENT	.00147	-.00080	.00018	.00109	-.00130	.00205	-.00274	-.01870	-.00015	.00006

OA37 B26 C9 F9 M7 W116E37V8 R5 (RF2056) (01 JUL 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 INCHES
LREF = 474.8000 INCHES YMRP = .0000 INCHES
BREF = 936.8500 INCHES ZMRP = 375.0000 INCHES
SCALE = .0300 SCALE

PARAMETRIC DATA

ALPHA = .000 BDFLAP = -12.000
ELEVON = .000 AILRON = .000
RUDDER = -25.000 SPDBRK = 55.000

RUN NO. 56/ 0 RN/L = 1.84 GRADIENT INTERVAL = -6.00/ 6.00

MACH	BETA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.259	-10.100	-.05850	.03040	.05130	-.05850	.03042	.01050	-.00690	.12600	.97400	.04667
.259	-8.110	-.06470	.03680	.05880	-.06470	.03683	.01550	-.00950	.08600	.98600	.04497
.259	-6.070	-.07110	.04080	.06490	-.07119	.04086	.02030	-.01250	.04500	.98800	.04517
.259	-4.010	-.07590	.04510	.06970	-.07590	.04507	.02400	-.01410	.00700	.98900	.04417
.259	-2.050	-.07890	.04530	.07110	-.07890	.04532	.02530	-.01490	-.02300	.98400	.04322
.259	-.050	-.07940	.04610	.07119	-.07940	.04612	.02630	-.01570	-.05500	.98100	.04240
.259	1.999	-.08020	.04520	.06970	-.08020	.04526	.02700	-.01650	-.08600	.97100	.04360
.259	4.020	-.07650	.04410	.06740	-.07650	.04410	.02770	-.01700	-.11800	.97600	.04504
.259	6.070	-.07260	.04120	.06560	-.07260	.04123	.02850	-.01730	-.14900	.98400	.04716
.259	8.060	-.07150	.03890	.06490	-.07150	.03892	.02800	-.01640	-.17900	.98600	.04797
.259	10.090	-.07050	.03540	.06360	-.07050	.03544	.02760	-.01550	-.20800	.98300	.04914
	GRADIENT	-.00012	-.00011	-.00030	-.00012	-.00010	.00045	-.00037	-.01557	-.00194	.00011

OA37 B26 C9 F9 M7 W116E37V8 R5 (RF2057) (01 JUL 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 INCHES
LREF = 474.8000 INCHES YMRP = .0000 INCHES
BREF = 936.8000 INCHES ZMRP = 375.0000 INCHES
SCALE = .0300 SCALE

PARAMETRIC DATA

ALPHA = 10.000 BDFLAP = -12.000
ELEVON = .000 AILRON = .000
RUDDER = -25.000 SPDBRK = 55.000

RUN NO. 57/ 0 RN/L = 1.84 GRADIENT INTERVAL = -6.00/ 6.00

MACH	BETA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.259	-10.120	.41630	.06160	.04970	.42070	-.01359	.00900	.00900	.12700	.60800	.04842
.259	-8.080	.41250	.06610	.05570	.41770	-.00838	.01330	.00370	.08900	.60300	.04642
.259	-6.070	.40650	.06990	.06330	.41250	-.00357	.01660	-.00130	.05400	.59500	.04471
.259	-4.080	.40310	.07270	.06640	.40960	-.00020	.01950	-.00640	.01900	.59200	.04127
.259	-2.060	.40260	.07410	.06720	.40940	.00129	.02110	-.01050	-.01400	.59100	.03949
.259	-.030	.39910	.07400	.06630	.40590	.00175	.02210	-.01380	-.04500	.59100	.03937
.259	2.010	.40380	.07370	.06500	.41050	.00060	.02340	-.01690	-.07800	.59300	.04073
.259	4.040	.40190	.07190	.06450	.40830	-.00079	.02420	-.02050	-.10900	.59300	.04286
.259	6.070	.40580	.07000	.06270	.41170	-.00340	.02640	-.02450	-.14400	.59600	.04483
.259	8.080	.40540	.06820	.06150	.41100	-.00502	.02650	-.02750	-.17400	.59700	.04707
.259	10.100	.40700	.06580	.06070	.41220	-.00772	.02760	-.03100	-.20600	.59700	.05007
	GRADIENT	-.00006	-.00010	-.00030	-.00007	-.00009	.00058	-.00170	-.01576	.00020	.00022

OA37 B26 C9 F9 M7 W116E37V8 R5 (RF2058) (01 JUL 74 .)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 INCHES
LREF = 474.8000 INCHES YMRP = .0000 INCHES
BREF = 936.8000 INCHES ZMRP = 375.0000 INCHES
SCALE = .0300 SCALE

PARAMETRIC DATA

ALPHA = 15.000 BDFLAP = -12.000
ELEVON = .000 AILRON = .000
RUDDER = -25.000 SPDBRK = 55.000

RUN NO. 58/ 0 RN/L = 1.84 GRADIENT INTERVAL = -6.00/ 6.00

MACH	BETA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.259	-10.120	.68110	.12870	.03950	.69080	-.05646	.00910	.01730	.12500	.63100	.05083
.259	-8.110	.67170	.13340	.04880	.68300	-.04939	.01270	.01060	.08800	.62500	.04671
.259	-6.070	.66540	.13620	.05810	.67770	-.04496	.01590	.00430	.05200	.62000	.04512
.259	-4.040	.66450	.13850	.06220	.67740	-.04264	.01810	-.00220	.01900	.61800	.04218
.259	-2.350	.66460	.14000	.06390	.67790	-.04115	.01940	-.00710	-.00600	.61700	.04097
.259	-2.070	.66440	.14010	.06340	.67770	-.04105	.01960	-.00800	-.01100	.61700	.04068
.259	.000	.66780	.14060	.06340	.68120	-.04148	.02170	-.01250	-.04600	.61700	.04176
.259	2.010	.66840	.14110	.06240	.68190	-.04118	.02310	-.01740	-.07800	.61800	.04186
.259	4.020	.66770	.13930	.06110	.68080	-.04260	.02500	-.02370	-.11100	.61900	.04241
.259	6.050	.67130	.13780	.05730	.68360	-.04506	.02620	-.02920	-.14400	.62100	.04288
.259	8.080	.68170	.13700	.05250	.69360	-.04858	.02700	-.03370	-.17600	.62400	.04660
.259	10.100	.68340	.13470	.04650	.69460	-.05125	.02840	-.03930	-.20700	.62700	.05044
	GRADIENT	.00055	.00011	-.00020	.00057	-.00003	.00086	-.00258	-.01626	.00017	.00011

OA37 B26 C9 F9 M7 W116E37V8 R5 (RF2059) (01 JUL 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 INCHES
LREF = 474.8000 INCHES YMRP = .0000 INCHES
BREF = 936.8000 INCHES ZMRP = 375.0000 INCHES
SCALE = .0300 SCALE

PARAMETRIC DATA

ALPHA = 20.000 BDFLAP = -12.000
ELEVON = .000 AILRON = .000
RUDDER = -25.000 SPDBRK = 55.000

RUN NO. 59/ 0 RN/L = 1.84 GRADIENT INTERVAL = -6.00/ 6.00

MACH	BETA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.259	-10.110	.94730	.28410	.01740	.98680	-.06683	-.00270	.01750	.14700	.64500	.05335
.259	-8.090	.93920	.28550	.02880	.97960	-.06290	.00260	.01030	.10700	.64100	.05182
.259	-6.080	.93120	.28370	.04160	.97150	-.06144	.00650	.00310	.07000	.63600	.04915
.259	-4.030	.92760	.28540	.04780	.96900	-.05878	.01000	-.00420	.03600	.63300	.04711
.259	-2.020	.93240	.28740	.04710	.97400	-.05842	.01370	-.01020	-.00100	.63400	.04744
.259	-.010	.93560	.28530	.04700	.97610	-.06159	.01750	-.01540	-.03800	.63400	.04701
.259	2.030	.93880	.28310	.04760	.97840	-.06474	.02090	-.02030	-.07500	.63400	.04792
.259	4.040	.93700	.28040	.04860	.97580	-.06661	.02460	-.02520	-.11400	.63300	.04592
.259	6.060	.94750	.28380	.04480	.98680	-.06724	.02550	-.02920	-.14500	.63500	.04674
.259	8.100	.95670	.28500	.03470	.99590	-.06937	.02650	-.03300	-.17600	.63900	.04980
.259	10.120	.97150	.28420	.01900	1.00940	-.07549	.03140	-.03900	-.21600	.64500	.05405
	GRADIENT	.00123	-.00071	.00010	.00089	-.00109	.00180	-.00258	-.01852	-.00090	-.00009

OA37 B26 C9 F9 M7 W116E37V8 R5 (RF2060) (01 JUL 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 INCHES
LREF = 474.8000 INCHES YMRP = .0000 INCHES
BREF = 936.8000 INCHES ZMRP = 375.0000 INCHES
SCALE = .0300 SCALE

PARAMETRIC DATA

ALPHA = .000 BDFLAP = -12.000
ELEVON = .000 AILRON = .000
RUDDER = -10.000 SPDBRK = 85.000

RUN NO. 60/ 0 RN/L = 1.84 GRADIENT INTERVAL = -6.00/ 6.00

MACH	BETA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.259	-10.110	-.07190	.04360	.06730	-.07200	.04358	-.00920	.00430	.16800	.99600	.05382
.259	-8.090	-.07950	.05010	.07550	-.07950	.05015	-.00510	.00230	.12900	1.00100	.05222
.259	-6.080	-.08460	.05540	.08220	-.08470	.05536	-.00130	.00020	.09100	1.00900	.05065
.259	-3.990	-.09070	.05850	.08780	-.09070	.05846	.00320	-.00210	.05100	1.00800	.05008
.259	-2.060	-.09360	.05930	.09010	-.09360	.05926	.00540	-.00320	.01700	1.00600	.04887
.259	-.020	-.09500	.05770	.09010	-.09510	.05767	.00620	-.00350	-.01300	1.00000	.04921
.259	2.010	-.09690	.05730	.08860	-.09690	.05725	.00710	-.00430	-.04500	.98800	.04931
.259	4.020	-.09150	.05580	.08810	-.09150	.05578	.00910	-.00550	-.07900	1.00600	.05060
.259	6.060	-.08670	.05130	.08230	-.08670	.05133	.01390	-.00760	-.11700	1.00100	.05226
.259	8.080	-.07960	.04770	.07730	-.07960	.04768	.01700	-.00990	-.15500	1.00900	.05256
.259	10.120	-.07560	.04140	.07270	-.07560	.04143	.01990	-.01110	-.19100	1.00600	.05356
	GRADIENT	-.00024	-.00037	-.00005	-.00024	-.00037	.00067	-.00039	-.01602	-.00110	.00008

OA37 B26 C9 F9 M7 W116E37V8 R5 (RF2061) (01 JUL 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 INCHES
LREF = 474.8000 INCHES YMRP = .0000 INCHES
BREF = 936.8000 INCHES ZMRP = 375.0000 INCHES
SCALE = .0300 SCALE

PARAMETRIC DATA

ALPHA = 10.000 BDFLAP = -12.000
ELEVON = .000 AILRON = .000
RUDDER = -10.000 SPDBRK = 85.000

RUN NO. 61/ 0 RN/L = 1.84 GRADIENT INTERVAL = -6.00/ 6.00

MACH	BETA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.259	-10.120	.40360	.07180	.06590	.41000	-.00114	-.00870	.01840	.16500	.59300	.05465
.259	-8.040	.39920	.07650	.07190	.40640	.00426	-.00500	.01380	.12900	.58600	.05235
.259	-6.080	.39090	.08020	.07870	.39890	.00937	-.00150	.00860	.09200	.57900	.04999
.259	-4.020	.38810	.08230	.08260	.39660	.01192	.00180	.00360	.05500	.57500	.04900
.259	-2.040	.38490	.08410	.08630	.39370	.01436	.00380	-.00040	.02100	.57100	.04703
.259	.000	.38480	.08400	.08640	.39370	.01425	.00470	-.00350	-.01000	.57100	.04563
.259	2.030	.38430	.08360	.08610	.39310	.01387	.00590	-.00680	-.04200	.57100	.04549
.259	4.050	.38570	.08240	.08570	.39420	.01246	.00800	-.01060	-.07600	.57200	.04780
.259	6.070	.38860	.07860	.08210	.39640	.00821	.01100	-.01510	-.11300	.57500	.05023
.259	8.080	.39450	.07560	.07470	.40170	.00421	.01460	-.02010	-.14900	.58300	.05100
.259	10.100	.39610	.07120	.07020	.40250	-.00041	.01750	-.02440	-.18500	.58700	.05320
	GRADIENT	-.00027	-.00002	.00030	-.00027	.00003	.00072	-.00172	-.01608	-.00030	-.00019

OA37 B26 C9 F9 M7 W116E37V8 R5 (RF2062) (01 JUL 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 INCHES
LREF = 474.8000 INCHES YMRP = .0000 INCHES
BREF = 936.8000 INCHES ZMRP = 375.0000 INCHES
SCALE = .0300 SCALE

PARAMETRIC DATA

ALPHA = 15.000 BDFLAP = -12.000
ELEVON = .000 AILRON = .000
RUDDER = -10.000 SPDBRK = 85.000

RUN NO. 62/ 0 RN/L = 1.84 GRADIENT INTERVAL = -6.00/ 6.00

MACH	BETA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.259	-10.110	.66600	.13650	.05670	.67830	-.04480	-.00790	.02620	.16000	.62100	.05672
.259	-8.030	.65710	.14160	.06690	.67110	-.03759	-.00470	.02090	.12500	.61500	.05261
.259	-6.060	.65170	.14580	.07620	.66700	-.03204	-.00110	.01380	.08800	.61000	.05066
.259	-4.040	.64720	.14620	.08040	.66340	-.02853	.00100	.00730	.05400	.60700	.04807
.259	-2.050	.64290	.14980	.08390	.65960	-.02594	.00290	.00150	.02100	.60500	.04639
.259	.000	.64640	.14940	.08510	.66290	-.02734	.00430	-.00260	-.01000	.60400	.04694
.259	2.020	.64800	.14990	.08480	.66460	-.02716	.00590	-.00750	-.04300	.60500	.04612
.259	4.050	.64850	.14810	.08260	.66450	-.02904	.00810	-.01350	-.07700	.60600	.04746
.259	6.070	.65370	.14740	.07800	.66940	-.03111	.01010	-.01960	-.11000	.60900	.04811
.259	8.080	.66590	.14350	.06830	.68020	-.03813	.01470	-.02650	-.15000	.61500	.05057
.259	10.120	.67230	.13880	.05760	.68510	-.04433	.01790	-.03270	-.18600	.62100	.05376
	GRADIENT	.00038	-.00001	.00026	.00036	-.00011	.00085	-.00250	-.01610	-.00010	-.00007

OA37 B26 C9 F9 M7 W116E37V8 R5 (RF2063) (01 JUL 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 INCHES
LREF = 474.8000 INCHES YMRP = .0000 INCHES
BREF = 936.8000 INCHES ZMRP = 375.0000 INCHES
SCALE = .0300 SCALE

PARAMETRIC DATA

ALPHA = 20.000 BDFLAP = -12.000
ELEVON = .000 AILRON = .000
RUDDER = -10.000 SPDBRK = 85.000

RUN NO. 63/ 0 RN/L = 1.84 GRADIENT INTERVAL = -6.00/ 6.00

MACH	BETA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.259	-10.090	.93590	.29300	.03510	.97910	-.05495	-.01910	.02610	.18300	.63800	.05974
.259	-8.070	.92730	.29760	.04920	.97280	-.04758	-.01380	.01920	.14100	.63300	.05720
.259	-6.060	.91650	.29630	.06350	.96220	-.04486	-.01000	.01230	.10500	.62700	.05335
.259	-4.010	.90980	.29540	.06940	.95560	-.04330	-.00700	.00540	.07000	.62500	.05128
.259	-2.030	.91730	.29810	.06860	.96360	-.04354	-.00360	-.00090	.03300	.62500	.05204
.259	.000	.92160	.29530	.06930	.96660	-.04765	-.00040	-.00560	-.00200	.62500	.05202
.259	2.020	.92640	.29270	.06770	.97010	-.05184	.00310	-.01020	-.03900	.62600	.05228
.259	4.040	.92420	.28950	.06980	.96700	-.05409	.00590	-.01450	-.07500	.62500	.05239
.259	6.060	.93150	.29310	.06650	.97510	-.05337	.00890	-.01940	-.11100	.62700	.05169
.259	8.080	.94300	.29410	.05150	.98620	-.05643	.01430	-.02630	-.15100	.63200	.05281
.259	10.120	.95460	.29010	.03160	.99560	-.06431	.02110	-.03290	-.19400	.64000	.05519
	GRADIENT	.00188	-.00086	-.00000	.00145	-.00148	.00161	-.00244	-.01796	.00065	.00012

OA37 B26 C9 F9 M7 W116E37V8 R5 (RF2064) (01 JUL 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 INCHES
LREF = 474.8000 INCHES YMRP = .0000 INCHES
BREF = 936.8000 INCHES ZMRP = 375.0000 INCHES
SCALE = .0300 SCALE

PARAMETRIC DATA

ALPHA = .000 BOFLAP = -12.000
ELEVON = .000 AILRON = .000
RUDDER = -10.000 SPDBRK = .000

RUN NO. 64/ 0 RN/L = 1.84 GRADIENT INTERVAL = -6.00/ 6.00

MACH	BETA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.259	-10.120	-.04290	.01560	.03340	-.04290	.01559	.00400	-.00260	.14100	.93800	.03954
.259	-8.090	-.04850	.01920	.03630	-.04850	.01917	.00480	-.00280	.11000	.92700	.03825
.259	-6.090	-.05040	.02160	.03960	-.05040	.02161	.00650	-.00360	.07600	.94100	.03698
.259	-4.030	-.05510	.02470	.04270	-.05510	.02474	.00880	-.00510	.04100	.93700	.03548
.259	-2.050	-.05990	.02640	.04490	-.05990	.02640	.01020	-.00620	.00900	.92800	.03558
.259	-.030	-.05900	.02740	.04600	-.05900	.02748	.00940	-.00580	-.01900	.93800	.03509
.259	1.980	-.06160	.02740	.04490	-.06160	.02741	.00980	-.00630	-.04900	.92000	.03613
.259	4.000	-.05770	.02550	.04290	-.05770	.02552	.01210	-.00800	-.08400	.92500	.03765
.259	6.040	-.05380	.02260	.04070	-.05380	.02262	.01540	-.01020	-.12100	.93000	.03983
.259	8.040	-.04840	.01930	.03850	-.04840	.01938	.01730	-.01110	-.15500	.94400	.04173
.259	10.090	-.04780	.01700	.03660	-.04780	.01697	.01640	-.00980	-.18300	.93300	.04257
	GRADIENT	-.00034	.00013	.00002	-.00034	.00013	.00031	-.00029	-.01533	-.00159	.00024

OA37 B26 C9 F9 M7 W116E37V8 R5 (RF2065) (01 JUL 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 INCHES
LREF = 474.8000 INCHES YMRP = .0000 INCHES
BREF = 936.8000 INCHES ZMRP = 375.0000 INCHES
SCALE = .0300 SCALE

PARAMETRIC DATA

ALPHA = 10.000 BOFLAP = -12.000
ELEVON = .000 AILRON = .000
RUDDER = -10.000 SPDBRK = .000

RUN NO. 65/ 0 RN/L = 1.84 GRADIENT INTERVAL = -6.00/ 6.00

MACH	BETA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.259	-10.100	.43350	.05070	.03460	.43570	-.02707	.00180	.01360	.14400	.62200	.04012
.259	-8.100	.42940	.05250	.03600	.43190	-.02481	.00390	.00910	.11000	.62100	.03742
.259	-6.050	.42800	.05490	.03920	.43100	-.02197	.00540	.00510	.07800	.61800	.03572
.259	-4.030	.42800	.05660	.04120	.43130	-.02023	.00800	.00030	.04300	.61600	.03452
.259	-2.050	.42710	.05790	.04230	.43060	-.01880	.00900	-.00370	.01100	.61500	.03385
.259	.000	.42660	.05870	.04180	.43020	-.01791	.00920	-.00640	-.01700	.61600	.03409
.259	1.980	.42490	.05750	.04140	.42830	-.01884	.01000	-.00960	-.04900	.61600	.03541
.259	4.000	.42470	.05680	.04050	.42800	-.01948	.01200	-.01370	-.08300	.61700	.03587
.259	6.020	.42700	.05510	.03960	.43000	-.02153	.01450	-.01820	-.11800	.61800	.03795
.259	8.060	.42650	.05230	.03750	.43090	-.02444	.01580	-.02200	-.15100	.62000	.04126
.259	10.080	.42730	.05080	.03740	.42950	-.02583	.01780	-.02640	-.18400	.62000	.04340
	GRADIENT	-.00044	.00000	-.00011	-.00044	.00007	.00045	-.00169	-.01553	.00015	.00021

OA37 B26 C9 F9 M7 W116E37V8 R5 (RF2066) (01 JUL 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 INCHES
LREF = 474.8000 INCHES YMRP = .0000 INCHES
BREF = 936.8000 INCHES ZMRP = 375.0000 INCHES
SCALE = .0300 SCALE

PARAMETRIC DATA

ALPHA = 15.000 BDFLAP = -12.000
ELEVON = .000 AILRON = .000
RUDDER = -10.000 SPDBRK = .000

RUN NO. 66/ 0 RN/L = 1.84 GRADIENT INTERVAL = -6.00/ 6.00

MACH	BETA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.259	-10.090	.70090	.12170	.02540	.70810	-.06851	.00200	.02140	.13900	.63800	.04308
.259	-8.090	.69920	.12340	.02870	.70690	-.06641	.00360	.01550	.10900	.63700	.03953
.259	-6.110	.69480	.12450	.03350	.70290	-.06420	.00530	.01000	.07600	.63400	.03724
.259	-4.030	.69560	.12640	.03700	.70420	-.06256	.00730	.00370	.04300	.63200	.03647
.259	-2.070	.69520	.12800	.03910	.70420	-.06107	.00870	-.00220	.01100	.63100	.03622
.259	-.060	.69410	.12920	.03920	.70350	-.05954	.00950	-.00600	-.02000	.63100	.03626
.259	1.990	.69870	.12940	.03980	.70800	-.06063	.01060	-.01070	-.05200	.63100	.03773
.259	4.000	.69730	.12780	.03710	.70620	-.06171	.01300	-.01730	-.08600	.63200	.03733
.259	6.030	.70200	.12630	.03360	.71040	-.06443	.01600	-.02370	-.12200	.63400	.03864
.259	8.040	.70450	.12520	.02990	.71250	-.06617	.01690	-.02880	-.15300	.63600	.04162
.259	10.100	.71280	.12420	.02690	.72030	-.06938	.01740	-.03420	-.18300	.63800	.04671
	GRADIENT	.00035	.00021	.00004	.00039	.00010	.00066	-.00251	-.01595	.00000	.00016

OA37 B26 C9 F9 M7 W116E37V8 R5 (RF2067) (01 JUL 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 INCHES
LREF = 474.8000 INCHES YMRP = .0000 INCHES
BREF = 936.8000 INCHES ZMRP = 375.0000 INCHES
SCALE = .0300 SCALE

PARAMETRIC DATA

ALPHA = 20.000 BDFLAP = -12.000
ELEVON = .000 AILRON = .000
RUDDER = -10.000 SPDBRK = .000

RUN NO. 67/ 0 RN/L = 1.84 GRADIENT INTERVAL = -6.00/ 6.00

MACH	BETA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.259	-10.070	.96820	.27710	.00150	1.00190	-.08019	-.00890	.02110	.16200	.65100	.04885
.259	-8.070	.96740	.27730	.00760	1.00320	-.08054	-.00640	.01540	.12900	.64900	.04607
.259	-6.050	.96260	.27470	.01770	.99780	-.08126	-.00400	.00900	.09500	.64500	.04426
.259	-4.040	.95870	.27610	.02340	.99460	-.07845	-.00110	.00180	.06100	.64300	.04238
.259	-2.030	.96210	.27900	.02340	.99880	-.07735	.00250	-.00460	.02400	.64300	.04210
.259	-.020	.96270	.27560	.02440	.99810	-.08040	.00560	-.00880	-.01200	.64300	.04223
.259	2.020	.96890	.27460	.02470	1.00360	-.08371	.00890	-.01380	-.04800	.64300	.04325
.259	4.040	.96560	.27150	.02600	.99940	-.08535	.01370	-.01960	-.08800	.64200	.04208
.259	6.050	.97530	.27360	.02140	1.00930	-.08694	.01790	-.02530	-.12700	.64400	.04313
.259	8.070	.98310	.27490	.01040	1.01700	-.08838	.01970	-.02960	-.16000	.64800	.04612
.259	10.120	1.00410	.27780	-.00300	1.03770	-.09303	.02200	-.03460	-.19400	.65300	.05124
	GRADIENT	.00102	-.00067	.00032	.00071	-.00100	.00178	-.00257	-.01831	-.00010	.00003

OA37 B26 C9 F9 M7 W116E37V8 R5 (RF2068) (01 JUL 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 INCHES
LREF = 474.8000 INCHES YMRP = .0000 INCHES
BREF = 936.8000 INCHES ZMRP = 375.0000 INCHES
SCALE = .0300 SCALE

PARAMETRIC DATA

ALPHA = .000 BDFLAP = -12.000
ELEVON = .000 AILRON = .000
RUDDER = .000 SPDBRK = .000

RUN NO. 68/ 0 RN/L = 1.84 GRADIENT INTERVAL = -6.00/ 6.00

MACH	BETA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.259	-10.080	-.04260	.01480	.03080	-.04260	.01483	-.00640	.00340	.16300	.91800	.03985
.259	-8.110	-.04620	.01750	.03340	-.04620	.01749	-.00570	.00340	.13200	.91800	.03889
.259	-6.060	-.05000	.01890	.03610	-.05000	.01895	-.00450	.00280	.09900	.91800	.03804
.259	-4.010	-.05260	.02120	.03860	-.05260	.02117	-.00220	.00150	.06500	.92200	.03676
.259	-2.050	-.05540	.02400	.04100	-.05540	.02397	-.00050	.00020	.03100	.92400	.03447
.259	-.020	-.05800	.02380	.04200	-.05810	.02379	.00030	-.00080	.00000	.91800	.03497
.259	2.010	-.05970	.02400	.04090	-.05970	.02402	.00120	-.00150	-.03100	.90400	.03421
.259	4.030	-.05680	.02250	.03940	-.05680	.02250	.00270	-.00280	-.06300	.90700	.03544
.259	6.040	-.05180	.01910	.03700	-.05180	.01916	.00520	-.00430	-.10000	.91500	.03740
.259	8.070	-.05050	.01690	.03470	-.05050	.01691	.00690	-.00500	-.13300	.90500	.03840
.259	10.100	-.04380	.01340	.03290	-.04380	.01340	.00750	-.00500	-.16500	.92800	.04074
	GRADIENT	-.00063	.00013	.00007	-.00063	.00013	.00057	-.00051	-.01579	-.00249	-.00014

OA37 B26 C9 F9 M7 W116E37V8 R5 (RF2069) (01 JUL 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 INCHES
LREF = 474.8000 INCHES YMRP = .0000 INCHES
BREF = 936.8000 INCHES ZMRP = 375.0000 INCHES
SCALE = .0300 SCALE

PARAMETRIC DATA

ALPHA = 10.000 BDFLAP = -12.000
ELEVON = .000 AILRON = .000
RUDDER = .000 SPDBRK = .000

RUN NO. 69/ 0 RN/L = 1.84 GRADIENT INTERVAL = -6.00/ 6.00

MACH	BETA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.259	-10.120	.43370	.04900	.03210	.43550	-.02880	-.00790	.01920	.16300	.62500	.04209
.259	-8.060	.43310	.05080	.03410	.43530	-.02704	-.00510	.01460	.12900	.62300	.03942
.259	-6.060	.43030	.05300	.03600	.43290	-.02439	-.00410	.01080	.09700	.62100	.03625
.259	-4.030	.42860	.05320	.03730	.43120	-.02381	-.00210	.00620	.06400	.62000	.03554
.259	-2.030	.42910	.05500	.03840	.43200	-.02215	-.00090	.00200	.03300	.61900	.03395
.259	-.020	.42920	.05510	.03840	.43210	-.02206	.00020	-.00130	.00000	.61900	.03351
.259	2.020	.42890	.05480	.03780	.43180	-.02235	.00150	-.00490	-.03200	.61900	.03341
.259	4.030	.42970	.05320	.03770	.43230	-.02404	.00330	-.00880	-.06600	.62000	.03562
.259	6.060	.42780	.05230	.03610	.43030	-.02458	.00560	-.01320	-.10000	.62100	.03629
.259	8.080	.43250	.04990	.03430	.43450	-.02781	.00720	-.01720	-.13300	.62300	.03916
.259	10.110	.42970	.04830	.03300	.43150	-.02885	.00900	-.02140	-.16500	.62300	.04107
	GRADIENT	.00010	-.00001	.00001	.00010	-.00003	.00065	-.00183	-.01611	.00000	-.00002

OA37 B26 C9 F9 M7 W116E37V8 R5 (RF2070) (01 JUL 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 INCHES
LREF = 474.8000 INCHES YMRP = .0000 INCHES
BREF = 936.8000 INCHES ZMRP = 375.0000 INCHES
SCALE = .0300 SCALE

PARAMETRIC DATA

ALPHA = 15.000 BOFLAP = -12.000
ELEVON = .000 AILRON = .000
RUDDER = .000 SPOBRK = .000

RUN NO. 70/ 0 RN/L = 1.84 GRADIENT INTERVAL = -6.00/ 6.00

MACH	BETA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.259	-10.090	.70150	.11850	.02460	.70780	-.07168	-.00610	.02680	.15700	.63900	.04568
.259	-8.070	.69720	.12100	.02850	.70430	-.06815	-.00500	.02090	.12700	.63700	.04101
.259	-6.070	.69570	.12110	.03190	.70290	-.06752	-.00410	.01550	.09600	.63500	.03950
.259	-4.000	.69140	.12280	.03360	.69920	-.06479	-.00300	.00970	.06500	.63400	.03640
.259	-2.950	.69190	.12330	.03580	.69980	-.06442	-.00160	.00380	.03200	.63300	.03624
.259	-.020	.69410	.12510	.03660	.70240	-.06330	.00030	-.00090	-.00100	.63200	.03588
.259	2.010	.69640	.12540	.03670	.70470	-.06360	.00220	-.00590	-.03500	.63200	.03650
.259	4.030	.69430	.12380	.03420	.70230	-.06469	.00410	-.01230	-.06700	.63400	.03604
.259	6.060	.69670	.12160	.02960	.70400	-.06741	.00690	-.01860	-.10200	.63600	.03787
.259	8.070	.70550	.12100	.02730	.71240	-.07041	.00820	-.02410	-.13500	.63700	.04148
.259	10.100	.70750	.12050	.02340	.71410	-.07138	.00870	-.02930	-.16400	.64000	.04505
	GRADIENT	.00051	.00020	.00010	.00055	.00005	.00089	-.00267	-.01645	-.00005	-.00002

OA37 B26 C9 F9 M7 W116E37V8 R5 (RF2071) (01 JUL 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 INCHES
LREF = 474.8000 INCHES YMRP = .0000 INCHES
BREF = 936.8000 INCHES ZMRP = 375.0000 INCHES
SCALE = .0300 SCALE

PARAMETRIC DATA

ALPHA = 20.000 BOFLAP = -12.000
ELEVON = .000 AILRON = .000
RUDDER = .000 SPOBRK = .000

RUN NO. 71/ 0 RN/L = 1.84 GRADIENT INTERVAL = -6.00/ 6.00

MACH	BETA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.259	-10.120	.97110	.27840	.00170	1.00700	-.08088	-.01680	.02490	.17700	.65100	.05145
.259	-8.110	.97310	.27870	.00510	1.00900	-.08121	-.01600	.02060	.14700	.65000	.04694
.259	-6.100	.96930	.27590	.01450	1.00450	-.08250	-.01440	.01540	.11500	.64600	.04410
.259	-4.030	.96410	.27620	.01840	.99970	-.08040	-.01210	.00820	.08100	.64500	.04190
.259	-2.060	.96820	.27890	.01870	1.00440	-.07947	-.00820	.00130	.04400	.64500	.04179
.259	-.050	.97020	.27560	.02070	1.00510	-.08318	-.00400	-.00400	.00600	.64400	.04226
.259	1.990	.97160	.27430	.02090	1.00600	-.08496	-.00020	-.00900	-.03100	.64400	.04216
.259	4.000	.97540	.27150	.02140	1.00860	-.08883	.00420	-.01460	-.07000	.64400	.04212
.259	6.040	.98440	.27240	.01650	1.01730	-.09121	.00840	-.02020	-.10900	.64600	.04388
.259	8.070	.99470	.27560	.00760	1.02810	-.09199	.01050	-.02480	-.14300	.64900	.04523
.259	10.090	.99570	.27530	-.00490	1.02890	-.09256	.01330	-.02960	-.17700	.65300	.04781
	GRADIENT	.00129	-.00070	.00041	.00096	-.00111	.00202	-.00278	-.01875	-.00015	.00004

OA37 B26 C9 F9 M7 W116E37V18R5 (RF2072) (01 JUL 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 INCHES
LREF = 474.8000 INCHES YMRP = .0000 INCHES
BREF = 936.8000 INCHES ZMRP = 375.0000 INCHES
SCALE = .0300 SCALE

PARAMETRIC DATA

BETA = .000 BDFLAP = -12.000
ELEVON = .000 AILRON = .000
RUDDER = .000 SPDBRK = .000

RUN NO. 72/ 0 RN/L = 1.84 GRADIENT INTERVAL = -6.00/ 6.00

MACH	ALPHA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.259	-4.150	-.24300	.03440	.04040	-.24480	.01678	.00060	-.00090	-.00100	.71290	.03535
.259	-2.080	-.14950	.02680	.04100	-.15040	.02137	.00060	-.00090	-.00100	.75200	.03537
.259	-1.050	-.10250	.02600	.04100	-.10290	.02412	.00050	-.00080	-.00100	.79800	.03359
.259	-.010	-.05670	.02280	.04200	-.05670	.02282	.00050	-.00080	.00000	.92400	.03476
.259	.980	-.01210	.02170	.04270	-.01180	.02197	.00040	-.00080	-.00100	1.98400	.03520
.259	2.030	.03440	.02270	.04400	.03520	.02149	.00030	-.00070	-.00100	.19300	.03324
.259	4.100	.13070	.02430	.04390	.13210	.01491	.00010	-.00090	.00000	.52900	.03375
.259	6.130	.22530	.03020	.04290	.22720	.00594	.00010	-.00090	-.00100	.58200	.03250
.259	8.210	.32820	.04000	.04170	.33050	-.00720	.00000	-.00100	.00000	.60590	.03248
.259	10.260	.43020	.05500	.03800	.43310	-.02255	.00000	-.00140	.00000	.61900	.03305
.259	12.330	.53300	.07610	.03880	.53690	-.03944	.00030	-.00130	-.00200	.62500	.03419
.259	14.390	.64020	.10580	.03800	.64640	-.05655	.00030	-.00110	-.00200	.63000	.03598
.259	16.450	.75580	.14560	.03350	.76610	-.07451	.00040	-.00080	-.00400	.63600	.03739
.259	18.520	.87460	.20970	.02390	.89590	-.07903	-.00590	-.00270	.00600	.64200	.03965
.259	20.600	.98130	.26940	.02180	1.01330	-.09318	-.00800	-.00580	.01000	.64400	.04327
.259	22.650	1.07090	.33820	.02510	1.11860	-.10027	-.00360	-.00230	.00300	.64300	.04584
.259	24.720	1.14450	.41290	.02880	1.21230	-.10360	-.00319	.00080	.00000	.64300	.05105
.259	26.760	1.19230	.48840	.03260	1.28450	-.10077	-.00140	.00070	-.00100	.64200	.05454
.259	28.770	1.20020	.54140	.05320	1.31260	-.10321	-.00180	-.00350	.00500	.63700	.06184
.259	30.720	1.09440	.55520	.09600	1.22440	-.08186	-.00150	-.00920	.01400	.62300	.07066
	GRADIENT	.04516	-.00122	.00050	.04555	-.00022	-.00006	.00001	.00009	-.01593	-.00021

OA37 B26 C9 F9 M7 W116E37V18R5 (RF2073) (01 JUL 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 INCHES
LREF = 474.8000 INCHES YMRP = .0000 INCHES
BREF = 936.8000 INCHES ZMRP = 375.0000 INCHES
SCALE = .0300 SCALE

PARAMETRIC DATA

ALPHA = .000 BDFLAP = -12.000
ELEVON = .000 AILRON = .000
RUDDER = .000 SPDBRK = .000

RUN NO. 73/ 0 RN/L = 1.84 GRADIENT INTERVAL = -6.00/ 6.00

MACH	BETA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.259	-10.120	-.04130	.01270	.02970	-.04130	.01277	-.00900	.00520	.16900	.91600	.04002
.259	-8.100	-.04330	.01540	.03320	-.04330	.01546	-.00730	.00440	.13700	.93400	.03931
.259	-6.090	-.04860	.01780	.03590	-.04860	.01781	-.00510	.00320	.10100	.92300	.03823
.259	-4.040	-.05160	.02100	.03840	-.05160	.02108	-.00280	.00160	.06600	.92600	.03564
.259	-2.040	-.05400	.02230	.04090	-.05400	.02236	-.00060	.00020	.03100	.93100	.03521
.259	-.040	-.05680	.02280	.04220	-.05680	.02278	.00050	-.00080	.00000	.92500	.03462
.259	1.980	-.05590	.02260	.04140	-.05590	.02265	.00140	-.00180	-.03100	.92400	.03454
.259	4.000	-.05450	.02180	.03950	-.05450	.02181	.00310	-.00300	-.06400	.91800	.03490
.259	6.040	-.05140	.01820	.03690	-.05140	.01821	.00570	-.00480	-.10000	.91600	.03704
.259	8.040	-.04710	.01500	.03450	-.04710	.01502	.00780	-.00590	-.13400	.92100	.03929
.259	10.080	-.04170	.01100	.03210	-.04170	.01107	.00970	-.00680	-.16800	.93600	.04103
	GRADIENT	-.00038	.00009	.00013	-.00038	.00009	.00069	-.00056	-.01602	-.00115	-.00011

OA37 B26 C9 F9 M7 W116E37V18R5 (RF2074) (01 JUL 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 INCHES
LREF = 474.8000 INCHES YMRP = .0000 INCHES
BREF = 936.8000 INCHES ZMRP = 375.0000 INCHES
SCALE = .0300 SCALE

PARAMETRIC DATA

ALPHA = 10.000 BDFLAP = -12.000
ELEVON = .000 AILRON = .000
RUDDER = .000 SPDBRK = .000

RUN NO. 74/ 0 RN/L = 1.84 GRADIENT INTERVAL = -6.00/ 6.00

MACH	BETA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.259	-10.120	.43890	.04660	.03130	.44060	-.03042	-.01000	.02070	.16800	.62500	.04207
.259	-8.100	.43510	.05110	.03320	.43720	-.02721	-.00640	.01550	.13100	.62400	.03854
.259	-6.100	.43190	.05250	.03550	.43430	-.02521	-.00460	.01110	.09800	.62100	.03639
.259	-4.020	.43070	.05420	.03750	.43350	-.02342	-.00230	.00620	.06500	.62000	.03442
.259	-2.060	.43300	.05510	.03860	.43590	-.02289	-.00120	.00220	.03200	.61900	.03356
.259	-.030	.43180	.05550	.03870	.43480	-.02230	.00010	-.00140	.00000	.61900	.03313
.259	1.990	.42980	.05460	.03780	.43270	-.02278	.00160	-.00500	-.03200	.61900	.03328
.259	4.000	.43090	.05350	.03760	.43360	-.02415	.00330	-.00910	-.06400	.62000	.03494
.259	6.030	.43190	.05140	.03590	.43410	-.02631	.00610	-.01370	-.10100	.62100	.03701
.259	8.050	.43330	.04970	.03400	.43520	-.02828	.00790	-.01770	-.13400	.62300	.03872
.259	10.080	.43550	.04720	.03310	.43690	-.03113	.01090	-.02280	-.16900	.62400	.04200
	GRADIENT	-.00014	-.00010	-.00003	-.00015	-.00007	.00070	-.00188	-.01603	.00009	.00004

OA37 B26 C9 F9 MT W116E37V18R5 (RF2075) (01 JUL 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 INCHES
LREF = 474.8000 INCHES YMRP = .0000 INCHES
BREF = 936.8000 INCHES ZMRP = 375.0000 INCHES
SCALE = .0300 SCALE

PARAMETRIC DATA

ALPHA = 15.000 BDFLAP = -12.000
ELEVON = .000 AILRON = .000
RUDDER = .000 SPDBRK = .000

RUN NO. 75/ 0 RN/L = 1.84 GRADIENT INTERVAL = -6.00/ 6.00

MACH	BETA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.259	-10.120	.70750	.12100	.02380	.71430	-.07099	-.00780	.02750	.15900	.63900	.04527
.259	-8.080	.70350	.12190	.02770	.71060	-.06911	-.00580	.02150	.12700	.63700	.04151
.259	-6.090	.69900	.12250	.03080	.70650	-.06719	-.00460	.01590	.09700	.63600	.03867
.259	-4.060	.69800	.12380	.03270	.70590	-.06572	-.00310	.00970	.06500	.63500	.03672
.259	-2.070	.69880	.12500	.03520	.70700	-.06481	-.00180	.00390	.03300	.63300	.03603
.259	-.030	.69870	.12700	.03590	.70739	-.06276	.00030	-.00090	-.00200	.63300	.03499
.259	1.990	.70140	.12670	.03580	.70990	-.06387	.00220	-.00610	-.03400	.63300	.03606
.259	4.010	.70020	.12520	.03420	.70830	-.06506	.00440	-.01230	-.06900	.63400	.03581
.259	6.040	.70570	.12370	.02980	.71320	-.06794	.00750	-.01920	-.10300	.63600	.03770
.259	8.060	.71160	.12270	.02630	.71860	-.07049	.00910	-.02490	-.13700	.63800	.04101
.259	10.080	.71200	.12190	.02400	.71890	-.07145	.01010	-.03010	-.16700	.63900	.04462
	GRADIENT	.00035	.00022	.00018	.00038	.00011	.00094	-.00267	-.01658	-.00010	-.00009

OA37 B26 C9 F9 MT W116E37V18R5 (RF2076) (01 JUL 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 INCHES
LREF = 474.8000 INCHES YMRP = .0000 INCHES
BREF = 936.8000 INCHES ZMRP = 375.0000 INCHES
SCALE = .0300 SCALE

PARAMETRIC DATA

ALPHA = 20.000 BDFLAP = -12.000
ELEVON = .000 AILRON = .000
RUDDER = .000 SPDBRK = .000

RUN NO. 76/ 0 RN/L = 1.84 GRADIENT INTERVAL = -6.00/ 6.00

MACH	BETA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.259	-10.130	.97230	.28000	.00150	1.00870	-.07988	-.01820	.02540	.17900	.65100	.05123
.259	-8.070	.97720	.28010	.00440	1.01330	-.08158	-.01760	.02110	.15000	.65000	.04716
.259	-6.050	.97350	.27850	.01390	1.00920	-.08171	-.01560	.01570	.11700	.64700	.04332
.259	-4.030	.96740	.27720	.01880	1.00310	-.08091	-.01270	.00840	.08200	.64500	.04233
.259	-2.050	.97490	.27980	.01850	1.01100	-.08111	-.00880	.00150	.04400	.64500	.04327
.259	-.030	.97710	.27780	.02090	1.01230	-.08390	-.00430	-.00410	.00700	.64400	.04309
.259	2.020	.97880	.27630	.02090	1.01349	-.08588	.00000	-.00930	-.03200	.64400	.04245
.259	4.020	.97400	.27110	.02170	1.00710	-.08891	.00440	-.01490	-.07100	.64400	.04216
.259	6.070	.98320	.27300	.01550	1.01640	-.09045	.00910	-.02080	-.11100	.64600	.04294
.259	8.090	.99650	.27550	.00650	1.02980	-.09275	.01160	-.02590	-.14500	.64900	.04568
.259	10.100	1.00060	.27710	-.00630	1.03410	-.09290	.01460	-.03090	-.18000	.65400	.04791
	GRADIENT	.00085	-.00078	.00041	.00051	-.00103	.00213	-.00284	-.01894	-.00015	-.00096

OA37 B26 C9 F9 M7 W116E38V8 R5 (RF2077) (01 JUL 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 INCHES
LREF = 474.8000 INCHES YMRP = .0000 INCHES
BREF = 936.8000 INCHES ZMRP = 375.0000 INCHES
SCALE = .0300 SCALE

PARAMETRIC DATA

BETA = .000 BDFLAP = 16.000
ELEVON = .000 AILRON = .000
RUDDER = .000 SPDBRK = 25.000

RUN NO. 77/ 0 RN/L = 1.84 GRADIENT INTERVAL = -6.00/ 6.00

MACH	ALPHA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.259	-4.110	-.18590	.03630	.00360	-.18800	.02291	.00030	-.00070	.00000	.65900	.03646
.259	-2.090	-.09390	.03120	.00390	-.09500	.02777	.00020	-.00060	.00000	.66700	.03567
.259	-1.030	-.04680	.02990	.00420	-.04730	.02905	.00010	-.00050	.00000	.68500	.03533
.259	.010	.00210	.02870	.00420	.00210	.02873	.00010	-.00060	.00000	-.07500	.03458
.259	1.000	.04420	.02830	.00600	.04470	.02759	.00010	-.00080	.00000	.69200	.03499
.259	2.060	.09220	.02910	.00620	.09310	.02580	.00000	-.00060	.00000	.62700	.03426
.259	4.130	.18690	.03300	.00550	.18880	.01945	.00000	-.00060	.00000	.64100	.03416
.259	6.180	.28750	.04130	.00280	.29030	.01009	-.00010	-.00090	.00000	.64800	.03384
.259	8.210	.39010	.05310	.00060	.39370	-.00308	-.00020	-.00090	.00100	.65100	.03483
.259	10.280	.49130	.07060	-.00180	.49600	-.01819	.00000	-.00130	.00000	.65300	.03527
.259	12.330	.59220	.09440	-.00270	.59870	-.03420	.00000	-.00130	.00000	.65300	.03561
.259	14.410	.69940	.12710	-.00460	.70900	-.05098	.00000	-.00130	-.00200	.65400	.03675
.259	16.470	.81440	.16870	-.00850	.82880	-.06910	-.00010	-.00120	-.00100	.65500	.04018
.259	18.530	.93730	.23670	-.02100	.96390	-.07351	-.00630	-.00260	.00800	.66000	.04445
.259	20.590	1.03940	.30020	-.02450	1.07860	-.08460	-.00820	-.00530	.01200	.66000	.04740
.259	22.700	1.13230	.37510	-.02480	1.18930	-.09096	-.00370	-.00200	.00300	.65900	.05073
.259	24.720	1.21290	.46140	-.02290	1.29470	-.08823	-.00060	.00170	-.00300	.65800	.05778
.259	26.810	1.26550	.55580	-.01520	1.37110	-.09262	-.00140	.00080	-.00100	.65600	.06190
.259	28.810	1.26350	.59200	.00410	1.39240	-.09031	-.00230	-.00030	.00300	.65100	.06686
.259	30.750	1.16080	.60890	.04550	1.30890	-.07046	-.00030	-.00810	.00600	.63900	.07783
	GRADIENT	.04515	-.00044	.00032	.04563	-.00045	-.00004	.00000	.00000	-.00564	-.00029

OA37 B26 C9 F9 MT W116E38V8 R5 (RF2078) (01 JUL 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 INCHES
LREF = 474.8000 INCHES YMRP = .0000 INCHES
BREF = 936.8000 INCHES ZMRP = 375.0000 INCHES
SCALE = .0300 SCALE

PARAMETRIC DATA

BETA = .000 BDFLAP = 10.000
ELEVON = 15.000 AILRON = .000
RUDDER = .000 SPDBRK = 25.000

RUN NO. 78/ 0 RN/L = 1.84 GRADIENT INTERVAL = -6.00/ 6.00

MACH	ALPHA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.259	-3.980	.06960	.03850	-.12700	.08670	.04470	.00070	-.00140	.00100	1.19100	.03875
.259	-1.950	.18340	.04120	-.12790	.18180	.04751	.00090	-.00160	.00000	.91000	.03931
.259	-.910	.23270	.04380	-.12960	.23200	.04760	.00090	-.00170	.00100	.85700	.03967
.259	.140	.27680	.04650	-.12910	.27690	.04588	.00080	-.00200	.00100	.82300	.04003
.259	1.130	.32490	.05220	-.12900	.32590	.04579	.00090	-.00200	.00000	.79700	.03916
.259	2.190	.36990	.05740	-.12930	.37180	.04327	.00080	-.00200	.00100	.78000	.03843
.259	4.250	.46270	.06930	-.12820	.46660	.03488	.00090	-.00210	.00000	.75300	.03893
.259	6.310	.56570	.08750	-.13440	.57190	.02480	.00060	-.00240	.00000	.73800	.03873
.259	8.370	.67100	.11070	-.13930	.67990	.01184	.00040	-.00300	.00000	.72700	.03866
.259	10.400	.78140	.13970	-.14520	.79380	-.00374	.00040	-.00270	.00000	.71900	.03946
.259	12.480	.88690	.17620	-.14910	.90400	-.01959	.00080	-.00170	-.00100	.71200	.03980
.259	14.550	.99500	.21870	-.15100	1.01800	-.03832	.00090	-.00140	-.00200	.70600	.04250
.259	16.630	1.10250	.27200	-.15310	1.13420	-.05494	.00070	-.00050	-.00300	.70100	.04284
.259	18.650	1.21100	.34960	-.15930	1.25920	-.05614	-.00750	-.00490	.01200	.69800	.04697
.259	20.750	1.29040	.42890	-.15740	1.35870	-.05622	-.00380	-.00320	.00600	.69400	.05169
.259	22.840	1.37360	.52190	-.15850	1.46850	-.05222	.00070	.00340	-.00600	.69100	.05821
.259	24.860	1.42230	.59450	-.14310	1.54050	-.05856	.00010	.00450	-.00600	.68600	.06257
.259	26.860	1.40970	.64630	-.10820	1.54960	-.06034	.00100	.00150	-.00500	.67700	.07077
.259	28.850	1.32430	.66280	-.05930	1.47970	-.05845	-.00150	-.00110	.00300	.66600	.08149
.259	30.800	1.20530	.66970	-.01440	1.37820	-.04207	-.00060	-.00600	.00900	.65500	.08933
	GRADIENT	.04527	.00379	-.00016	.04610	-.00115	.00001	-.00009	-.00007	-.04784	-.00004

0A37 B26 C9 F9 M7 W116E37V8 R5 (RF2079) [01 JUL 74]

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 INCHES
LREF = 474.8000 INCHES YMRP = .0000 INCHES
BREF = 936.8000 INCHES ZMRP = 375.0000 INCHES
SCALE = .0300 SCALE

PARAMETRIC DATA

BETA = .000 BDFLAP = -12.000
ELEVON = .000 AILRON = .000
RUDDER = .000 SPDBRK = .000

RUN NO. 79/ 0 RN/L = 1.84 GRADIENT INTERVAL = -6.00/ 6.00

MACH	ALPHA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.259	-4.160	-.24260	.03690	.04080	-.24470	.01918	.00060	-.00070	-.00100	.71300	.03420
.259	-2.110	-.15190	.02920	.04090	-.15290	.02362	.00040	-.00050	.00000	.75000	.03429
.259	-1.090	-.10760	.02610	.04120	-.10810	.02412	.00040	-.00050	.00000	.79200	.03504
.259	-.020	-.05720	.02440	.04210	-.05720	.02447	.00030	-.00050	.00000	.92300	.03589
.259	1.000	-.01330	.02320	.04300	-.01290	.02348	.00030	-.00050	.00000	1.87200	.03455
.259	2.030	.03400	.02410	.04380	.03480	.02293	.00020	-.00080	.00000	.18900	.03310
.259	4.070	.12700	.02530	.04420	.12850	.01624	.00010	-.00070	.00000	.52500	.03327
.259	6.150	.22500	.03100	.04280	.22700	.00673	.00010	-.00080	.00000	.58200	.03247
.259	8.190	.32470	.03930	.04070	.32700	-.00730	.00010	-.00080	.00000	.60600	.03336
.259	10.240	.42660	.05500	.03830	.42960	-.02165	.00020	-.00150	-.00100	.61900	.03279
.259	12.300	.52730	.07530	.03820	.53130	-.03871	.00050	-.00110	-.00200	.62500	.03408
.259	14.380	.63490	.10470	.03680	.64100	-.05630	.00060	-.00100	-.00300	.63000	.03572
.259	16.410	.74510	.14340	.03400	.75530	-.07297	.00060	-.00050	-.00300	.63500	.03620
.259	18.500	.86790	.20650	.02280	.88860	-.07964	-.00550	-.00260	.00700	.64200	.03973
.259	20.590	.96810	.26610	.02070	.99980	-.09144	-.00730	-.00540	.01100	.64400	.04130
.259	22.640	1.05890	.33400	.02370	1.10590	-.09940	-.00310	-.00200	.00200	.64490	.04479
.259	24.710	1.13070	.41520	.02440	1.20070	-.09569	-.00030	.00200	-.00300	.64400	.04955
.259	26.760	1.18610	.48480	.03160	1.27730	-.10128	-.00120	.00140	-.00100	.64300	.05410
.259	28.770	1.19660	.53760	.05110	1.30760	-.10482	-.00190	-.00250	.00600	.63700	.06267
.259	30.730	1.07370	.54400	.09600	1.20090	-.08105	-.00070	-.00790	.01100	.62200	.07099
	GRADIENT	.04492	-.00138	.00049	.04536	-.00032	-.00006	-.00001	.00009	-.01809	-.00015

OA37 B26 C9 F9 M7 W116E37V8 R5 (RF2080) (01 JUL 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 INCHES
LREF = 474.8000 INCHES YMRP = .0000 INCHES
BREF = 936.8000 INCHES ZMRP = 375.0000 INCHES
SCALE = .0300 SCALE

PARAMETRIC DATA

ALPHA = .000 BDFLAP = -12.000
ELEVON = .000 AILRON = .000
RUDDER = .000 SPDBRK = .000

RUN NO. 80/ 0 RN/L = 1.84 GRADIENT INTERVAL = -6.00/ 6.00

MACH	BETA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.259	-10.100	-.04320	.01460	.03130	-.04320	.01464	-.00650	.00340	.16400	.91800	.04070
.259	-8.130	-.04480	.01780	.03360	-.04480	.01781	-.00580	.00370	.13300	.92800	.03904
.259	-6.080	-.05000	.02030	.03630	-.05000	.02029	-.00440	.00290	.10100	.91900	.03721
.259	-4.040	-.05320	.02270	.03880	-.05320	.02269	-.00230	.00170	.06500	.92000	.03580
.259	-2.060	-.05520	.02380	.04130	-.05520	.02387	-.00060	.00020	.03200	.92700	.03524
.259	-.040	-.05750	.02480	.04250	-.05750	.02480	.00030	-.00050	.00100	.92400	.03432
.259	1.970	-.05630	.02400	.04170	-.05630	.02405	.00110	-.00130	-.03000	.92500	.03475
.259	3.990	-.05550	.02270	.03970	-.05550	.02272	.00260	-.00260	-.06200	.91500	.03550
.259	6.010	-.05220	.02020	.03730	-.05220	.02022	.00510	-.00410	-.09700	.91400	.03687
.259	8.030	-.04820	.01690	.03520	-.04820	.01691	.00670	-.00500	-.13000	.92100	.03892
.259	10.050	-.04360	.01410	.03280	-.04360	.01412	.00720	-.00480	-.16200	.92900	.04035
	GRADIENT	-.00028	.00001	.00011	-.00028	.00001	.00057	-.00050	-.01573	-.00060	-.00005

OA37 B26 C9 F9 M7 W116E37V8 R5 (RF2081) (01 JUL 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 INCHES
LREF = 474.8000 INCHES YMRP = .0000 INCHES
BREF = 936.8000 INCHES ZMRP = 375.0000 INCHES
SCALE = .0300 SCALE

PARAMETRIC DATA

ALPHA = 10.000 BDFLAP = -12.000
ELEVON = .000 AILRON = .000
RUDDER = .000 SPDBRK = .000

RUN NO. 81/ 0 RN/L = 1.84 GRADIENT INTERVAL = -6.00/ 6.00

MACH	BETA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.259	-10.130	.43340	.04940	.03160	.43530	-.02858	-.00790	.01930	.16400	.62500	.04167
.259	-8.070	.43280	.05120	.03330	.43500	-.02672	-.00530	.01480	.13000	.62300	.03921
.259	-6.080	.43060	.05350	.03530	.43330	-.02409	-.00400	.01080	.09900	.62200	.03596
.259	-4.060	.42910	.05420	.03710	.43190	-.02305	-.00240	.00640	.06500	.62000	.03506
.259	-2.060	.42900	.05450	.03820	.43180	-.02289	-.00090	.00230	.03300	.61900	.03443
.259	-.040	.42780	.05570	.03850	.43090	-.02137	.00010	-.00120	.00200	.61900	.03297
.259	1.980	.42850	.05480	.03820	.43140	-.02241	.00130	-.00480	-.03100	.61900	.03382
.259	3.990	.42840	.05420	.03810	.43120	-.02303	.00310	-.00860	-.06300	.61900	.03477
.259	6.010	.42830	.05160	.03610	.43070	-.02550	.00570	-.01320	-.09900	.62100	.03707
.259	8.050	.43000	.04970	.03430	.43190	-.02773	.00690	-.01700	-.13100	.62200	.03917
.259	10.080	.43120	.04810	.03280	.43290	-.02941	.00890	-.02130	-.16400	.62400	.04144
	GRADIENT	-.00009	.00001	.00010	-.00009	.00003	.00066	-.00184	-.01589	-.00010	-.00006

OA37 B26 C9 F9 M7 W116E37V8 R5 (RF2082) (01 JUL 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 INCHES
LREF = 474.8000 INCHES YMRP = .0000 INCHES
BREF = 936.8000 INCHES ZMRP = 375.0000 INCHES
SCALE = .0300 SCALE

PARAMETRIC DATA

ALPHA = 15.000 BDFLAP = -12.000
ELEVON = .000 AILRON = .000
RUDDER = .000 SPDBRK = .000

RUN NO. 82/ 0 RN/L = 1.84 GRADIENT INTERVAL = -6.00/ 6.00

MACH	BETA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.259	-10.120	.70300	.12050	.02400	.70980	-.07032	-.00640	.02670	.15800	.63900	.04559
.259	-8.080	.69960	.12130	.02800	.70670	-.06886	-.00500	.02110	.12700	.63700	.04215
.259	-6.070	.69680	.12250	.03120	.70430	-.06683	-.00410	.01570	.09700	.63500	.03917
.259	-4.030	.69660	.12400	.03250	.70460	-.06534	-.00300	.00970	.06500	.63500	.03673
.259	-2.040	.69520	.12540	.03440	.70360	-.06386	-.00150	.00390	.03400	.63400	.03573
.259	-.030	.69690	.12530	.03570	.70520	-.06428	.00030	-.00060	.00000	.63300	.03669
.259	1.980	.69720	.12660	.03580	.70580	-.06323	.00220	-.00590	-.03300	.63300	.03586
.259	3.990	.69710	.12560	.03410	.70540	-.06414	.00440	-.01200	-.06700	.63400	.03599
.259	6.020	.70240	.12400	.03100	.71010	-.06711	.00670	-.01840	-.10200	.63600	.03830
.259	8.040	.70700	.12210	.02710	.71410	-.07006	.00790	-.02400	-.13300	.63800	.04146
.259	10.060	.71370	.12110	.02330	.72020	-.07293	.00860	-.02910	-.16400	.64000	.04658
	GRADIENT	.00015	.00022	.00023	.00019	.00015	.00092	-.00265	-.01650	-.00015	-.00007

OA37 B26 C9 F9 M7 W116E37V8 R5 (RF2083) (01 JUL 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 INCHES
LREF = 474.8000 INCHES YMRP = .0000 INCHES
BREF = 936.8000 INCHES ZMRP = 375.0000 INCHES
SCALE = .0300 SCALE

PARAMETRIC DATA

ALPHA = 20.000 BDFLAP = -12.000
ELEVON = .000 AILRON = .000
RUDDER = .000 SPDBRK = .000

RUN NO. 83/ 0 RN/L = 1.84 GRADIENT INTERVAL = -6.00/ 6.00

MACH	BETA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.259	-10.090	.96630	.27750	.00030	1.00220	-.07968	-.01690	.02510	.17900	.65200	.05052
.259	-8.060	.96540	.27540	.00510	1.00060	-.08130	-.01600	.02060	.14900	.65000	.04680
.259	-6.060	.96350	.27370	.01420	.99830	-.08227	-.01500	.01540	.11700	.64600	.04349
.259	-4.000	.95640	.27290	.01770	.99130	-.08055	-.01230	.00810	.08300	.64500	.04216
.259	-2.010	.96360	.27580	.01800	.99910	-.08054	-.00810	.00130	.04500	.64500	.04216
.259	.000	.96890	.27310	.02050	1.00310	-.08489	-.00360	-.00410	.00800	.64400	.04298
.259	2.020	.96910	.27080	.02040	1.00240	-.08709	.00010	-.00920	-.02800	.64400	.04334
.259	4.040	.96720	.26900	.02000	1.00010	-.08794	.00460	-.01480	-.06800	.64400	.04104
.259	6.060	.97500	.27020	.01510	1.00780	-.08982	.00860	-.02500	-.10600	.64600	.04193
.259	8.070	.98800	.27230	.00520	1.02070	-.09246	.01070	-.02480	-.13900	.65000	.04615
.259	10.080	.99100	.27310	-.00110	1.02380	-.09246	.01170	-.02990	-.17100	.65200	.05001
	GRADIENT	.00134	-.00064	.00035	.00104	-.00166	.00209	-.00280	-.01865	-.00015	-.00005

OA37 B2% C9 F9 M7 W116E37V8 R10 (RF2084) (01 JUL 74)

REFERENCE DATA

SREF = 2690.0000 Sq.FT. XMRP = 1076.7000 INCHES
LREF = 474.8000 INCHES YMRP = .0000 INCHES
BREF = 936.8000 INCHES ZMRP = 375.0000 INCHES
SCALE = .0300 SCALE

PARAMETRIC DATA

BETA = .000 BDFLAP = -12.000
ELEVON = .000 AILRON = .000
RUDDER = .000 SPDBRK = 25.000

RUN NO. 84/ 0 RN/L = 1.84 GRADIENT INTERVAL = -6.00/ 6.00

MACH	ALPHA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.259	-4.120	-.25020	.04040	.04670	-.25250	.02233	.00070	-.00090	-.00100	.72000	.03676
.259	-2.100	-.15740	.03320	.04670	-.15860	.02741	.00060	-.00070	-.00100	.76000	.03626
.259	-1.050	-.10850	.02940	.04730	-.10910	.02742	.00040	-.00080	-.00100	.81100	.03760
.259	-.020	-.06360	.02790	.04770	-.06380	.02793	.00050	-.00080	-.00100	.92700	.03621
.259	.960	-.02010	.02700	.04850	-.01960	.02741	.00040	-.00080	-.00100	1.55900	.03644
.259	2.020	.02800	.02620	.04930	.02890	.02528	.00020	-.00100	.00000	.02500	.03628
.259	4.080	.12180	.02780	.04950	.12350	.01911	.00010	-.00080	.00000	.50400	.03619
.259	6.110	.21840	.03460	.04800	.22090	.01122	.00000	-.00110	.00000	.57200	.03453
.259	8.170	.31760	.04320	.04650	.32050	-.00230	.00000	-.00100	.00000	.59800	.03450
.259	10.250	.42210	.05820	.04320	.42570	-.01789	.00000	-.00150	.00000	.61400	.03490
.259	12.310	.52000	.07830	.04290	.52480	-.03433	.00060	-.00120	-.00300	.62200	.03518
.259	14.390	.62920	.10780	.04260	.63620	-.05191	.00070	-.00120	-.00300	.62700	.03692
.259	16.430	.74410	.14640	.03910	.75510	-.07015	.00060	-.00070	-.00300	.63300	.03871
.259	18.520	.86350	.21000	.02870	.88540	-.07517	-.00560	-.00270	.00600	.64000	.04110
.259	20.580	.96630	.26880	.02600	.99910	-.08808	-.00780	-.00600	.01300	.64200	.04391
.259	22.640	1.05400	.33740	.02970	1.10270	-.09448	-.00340	-.00250	.00300	.64200	.04588
.259	24.690	1.12800	.41800	.03240	1.19950	-.09156	-.00010	.00160	-.00300	.64200	.05233
.259	26.740	1.18040	.48670	.04030	1.27310	-.09666	-.00100	.00110	-.00100	.64000	.05672
.259	28.760	1.18320	.53880	.06100	1.29640	-.09713	-.00190	-.00150	.00400	.63400	.06226
.259	30.720	1.08800	.54750	.10690	1.19780	-.07492	-.00040	-.00980	.01300	.61900	.07218
	GRADIENT	.04523	-.00155	.00041	.04573	-.00040	-.00007	-.00000	.00014	-.03750	-.00008

OA37 826 C9 F9 M7 W116E37V8 R10 (RF2085) (01 JUL 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 INCHES
LREF = 474.8000 INCHES YMRP = .0000 INCHES
BREF = 936.8000 INCHES ZMRP = 375.0000 INCHES
SCALE = .0300 SCALE

PARAMETRIC DATA

ALPHA = .000 BDFLAP = -12.000
ELEVON = .000 AILRON = .000
RUDDER = .000 SPDBRK = 25.000

RUN NO. 85/ 0 RN/L = 1.84 GRADIENT INTERVAL = -6.00/ 6.00

MACH	BETA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.259	-10.110	-.04690	.01800	.03530	-.04690	.01803	-.01280	.00720	.17700	.92900	.04206
.259	-8.100	-.05080	.02090	.03860	-.05090	.02098	-.00980	.00580	.14100	.93100	.04150
.259	-6.070	-.05580	.02390	.04140	-.05580	.02396	-.00690	.00420	.10500	.92500	.03958
.259	-4.030	-.05870	.02530	.04450	-.05870	.02532	-.00370	.00210	.06800	.93000	.03882
.259	-2.030	-.06270	.02710	.04670	-.06270	.02711	-.00120	.00050	.03400	.92600	.03760
.259	-.030	-.06440	.02810	.04800	-.06440	.02813	.00050	-.00070	.00000	.92600	.03606
.259	2.000	-.06260	.02790	.04710	-.06260	.02793	.00200	-.00200	-.03200	.92900	.03605
.259	4.020	-.06430	.02610	.04550	-.06430	.02615	.00380	-.00340	-.06400	.91200	.03797
.259	6.040	-.05920	.02380	.04300	-.05920	.02383	.00720	-.00560	-.10200	.91900	.03902
.259	8.050	-.05530	.02060	.04080	-.05530	.02062	.01010	-.00720	-.13800	.92300	.04114
.259	10.080	-.05180	.01640	.03820	-.05180	.01639	.01310	-.00860	-.17500	.92300	.04312
	GRADIENT	-.00055	.00012	.00012	-.00055	.00012	.00090	-.00067	-.01639	-.00164	-.00016

OA37 826 C9 F9 M7 W116E37V8 R10 (RF2086) (01 JUL 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 INCHES
LREF = 474.8000 INCHES YMRP = .0000 INCHES
BREF = 936.8000 INCHES ZMRP = 375.0000 INCHES
SCALE = .0300 SCALE

PARAMETRIC DATA

ALPHA = 10.000 BDFLAP = -12.000
ELEVON = .000 AILRON = .000
RUDDER = .000 SPDBRK = 25.000

RUN NO. 86/ 0 RN/L = 1.84 GRADIENT INTERVAL = -6.00/ 6.00

MACH	BETA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.259	-10.110	.43070	.05110	.03440	.43300	-.02639	-.01430	.02260	.17800	.62200	.04452
.259	-8.080	.42770	.05290	.03640	.43030	-.02401	-.01060	.01760	.14200	.62100	.04221
.259	-6.060	.42460	.05520	.03950	.42760	-.02125	-.00700	.01210	.10500	.61800	.03948
.259	-4.040	.42280	.05590	.04310	.42600	-.02022	-.00380	.00710	.06900	.61400	.03885
.259	-2.010	.42170	.05800	.04350	.42530	-.01792	-.00180	.00240	.03500	.61400	.03576
.259	-.020	.42190	.05840	.04330	.42560	-.01761	.00010	-.00140	.00000	.61400	.03495
.259	2.000	.42040	.05820	.04360	.42410	-.01756	.00200	-.00510	-.03200	.61400	.03494
.259	4.020	.42000	.05670	.04300	.42340	-.01879	.00440	-.00950	-.06600	.61400	.03692
.259	6.060	.42120	.05480	.04130	.42420	-.02096	.00770	-.01440	-.10300	.61600	.03830
.259	8.060	.42450	.05170	.03860	.42690	-.02465	.01060	-.01910	-.13900	.61800	.04202
.259	10.100	.42300	.05040	.03830	.42520	-.02562	.01420	-.02430	-.17500	.61800	.04364
	GRADIENT	-.00034	.00009	-.00000	-.00032	.00016	.00100	-.00202	-.01674	.00000	-.00023

OA37 B26 C9 F9 M7 W116E37V8 R10 (RF2087) (01 JUL 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 INCHES
LREF = 474.8000 INCHES YMRP = .0000 INCHES
BREF = 936.8000 INCHES ZMRP = 375.0000 INCHES
SCALE = .0300 SCALE

PARAMETRIC DATA

ALPHA = 15.000 BDFLAP = -12.000
ELEVON = .000 AILRON = .000
RUDDER = .000 SPDBRK = 25.000

RUN NO. 87/ 0 RN/L = 1.84 GRADIENT INTERVAL = -6.00/ 6.00

MACH	BETA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.259	-10.100	.69710	.12080	.02640	.70420	-.06832	-.01310	.03020	.17200	.63800	.04760
.259	-8.070	.69460	.12220	.03020	.70210	-.06636	-.01010	.02360	.13900	.63600	.04497
.259	-6.080	.69090	.12490	.03650	.69930	-.06263	-.00690	.01690	.10300	.63200	.04108
.259	-4.070	.68910	.12560	.03780	.69780	-.06160	-.00440	.01030	.06900	.63200	.03971
.259	-2.030	.68490	.12680	.04050	.69410	-.05927	-.00210	.00400	.03400	.63000	.03729
.259	-.020	.68800	.12690	.04200	.69700	-.06081	.00050	-.00080	.00000	.62900	.03798
.259	2.000	.68710	.12790	.04170	.69640	-.05887	.00270	-.00630	-.03400	.63000	.03752
.259	4.030	.69170	.12690	.04010	.70060	-.06105	.00570	-.01280	-.07000	.63100	.03832
.259	6.040	.69320	.12590	.03670	.70180	-.06239	.00850	-.01940	-.10500	.63200	.03942
.259	8.060	.70030	.12390	.03110	.70810	-.06625	.01200	-.02630	-.14200	.63500	.04303
.259	10.080	.70710	.12170	.02630	.71410	-.07014	.01460	-.03260	-.17600	.63800	.04773
	GRADIENT	.00037	.00018	.00029	.00039	.00007	.00124	-.00279	-.01710	-.00010	-.00013

OA37 B26 C9 F9 M7 W116E37V8 R10 (RF2088) (01 JUL 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 INCHES
LREF = 474.8000 INCHES YMRP = .0000 INCHES
BREF = 936.8000 INCHES ZMRP = 375.0000 INCHES
SCALE = .0300 SCALE

PARAMETRIC DATA

ALPHA = 20.000 BDFLAP = -12.000
ELEVON = .000 AILRON = .000
RUDDER = .000 SPDBRK = 25.000

RUN NO. 88/ 0 RN/L = 1.84 GRADIENT INTERVAL = -6.00/ 6.00

MACH	BETA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.259	-10.100	.69710	.12080	.02640	.70420	-.06832	-.01310	.03020	.17200	.63800	.04760
.259	-8.070	.69460	.12220	.03020	.70210	-.06636	-.01010	.02360	.13900	.63600	.04497
.259	-6.080	.69090	.12490	.03650	.69930	-.06263	-.00690	.01690	.10300	.63200	.04108
.259	-4.070	.68910	.12560	.03780	.69780	-.06160	-.00440	.01030	.06900	.63200	.03971
.259	-2.030	.68490	.12680	.04050	.69410	-.05927	-.00210	.00400	.03400	.63000	.03729
.259	-.020	.68800	.12690	.04200	.69700	-.06081	.00050	-.00080	.00000	.62900	.03798
.259	2.000	.68710	.12790	.04170	.69640	-.05887	.00270	-.00630	-.03400	.63000	.03752
.259	4.030	.69170	.12690	.04010	.70060	-.06105	.00570	-.01280	-.07000	.63100	.03832
.259	6.040	.69320	.12590	.03670	.70180	-.06239	.00850	-.01940	-.10500	.63200	.03942
.259	8.060	.70030	.12390	.03110	.70810	-.06625	.01200	-.02630	-.14200	.63500	.04303
.259	10.080	.70710	.12170	.02630	.71410	-.07014	.01460	-.03260	-.17600	.63800	.04773
	GRADIENT	.00037	.00018	.00029	.00039	.00007	.00124	-.00279	-.01710	-.00010	-.00013

OA37 B26 C9 F9 M7 W116E37V8 R11 (RF2089) (01 JUL 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 INCHES
LREF = 474.8000 INCHES YMRP = .0000 INCHES
BREF = 936.8500 INCHES ZMRP = 375.0000 INCHES
SCALE = .0300 SCALE

PARAMETRIC DATA

BETA = .000 BDFLAP = -12.000
ELEVON = .000 AILRON = .000
RUDDER = .000 SPDBRK = 25.000

RUN NO. 89/ 0 RN/L = 1.84 GRADIENT INTERVAL = -6.00/ 6.00

MACH	ALPHA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.259	-4.170	-.25010	.04220	.04940	-.25250	.02390	.00050	-.00080	.00000	.72400	.03776
.259	-2.110	-.15660	.03390	.04920	-.15770	.02811	.00040	-.00060	.00000	.76600	.03807
.259	-1.090	-.10850	.03220	.04970	-.10910	.03019	.00050	-.00050	.00000	.81900	.03725
.259	-.020	-.06350	.03030	.05010	-.06350	.03033	.00030	-.00050	.00000	.94200	.03688
.259	.960	-.02010	.02890	.05100	-.01960	.02927	.00030	-.00070	.00000	1.60900	.03728
.259	2.000	.02760	.02910	.05200	.02860	.02819	.00030	-.00060	.00000	-.01600	.03604
.259	4.040	.12150	.03150	.05230	.12350	.02293	.00000	-.00080	.00000	.49600	.03546
.259	6.120	.22110	.03690	.05080	.22380	.01314	-.00010	-.00080	.00000	.56800	.03469
.259	8.190	.31950	.04530	.04920	.32270	-.00069	.00000	-.00090	.00000	.59500	.03559
.259	10.240	.42370	.06110	.04660	.42780	-.01519	.00000	-.00120	.00000	.61200	.03489
.259	12.300	.52470	.08140	.04670	.53000	-.03226	.00030	-.00100	.00000	.61900	.03627
.259	14.360	.63070	.11170	.04490	.63870	-.04816	.00040	-.00090	-.00100	.62600	.03675
.259	16.430	.74560	.15010	.04130	.75760	-.06694	.00040	-.00070	-.00200	.63200	.03880
.259	18.500	.86380	.21260	.03120	.88660	-.07260	-.00550	-.00250	.00700	.63900	.04152
.259	20.580	.96630	.27210	.02940	1.00030	-.08499	-.00790	-.00560	.01300	.64100	.04376
.259	22.640	1.06100	.34200	.03150	1.11090	-.09291	-.00370	-.00220	.00500	.64100	.04672
.259	24.700	1.13000	.42150	.03470	1.20270	-.08923	.00010	.00140	-.00200	.64100	.05181
.259	26.740	1.18470	.48830	.04210	1.27770	-.09697	-.00100	.00190	-.00100	.64000	.05587
.259	28.760	1.18370	.54160	.06410	1.29820	-.09486	-.00250	-.00190	.00600	.63300	.06240
.259	30.720	1.06480	.55020	.10990	1.19650	-.07093	-.00110	-.00890	.01500	.61800	.07150
	GRADIENT	.04507	-.00129	.00043	.04561	-.00010	-.00006	-.00000	.00000	-.03916	-.00031

OA37 B26 C9 F9 M7 W116E37V8 R11 (RF2090) (01 JUL 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 INCHES
LREF = 474.8000 INCHES YMRP = .0000 INCHES
BREF = 936.8000 INCHES ZMRP = 375.0000 INCHES
SCALE = .0300 SCALE

PARAMETRIC DATA

ALPHA = .000 BDFLAP = -12.000
ELEVON = .000 AILRON = .000
RUDDER = .000 SPDBRK = 25.000

RUN NO. 90/ 0 RN/L = 1.84 GRADIENT INTERVAL = -6.00/ 6.00

MACH	BETA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.259	-10.100	-.04470	.02040	.03770	-.04470	.02046	-.01340	.00750	.17800	.96200	.04178
.259	-8.080	-.04940	.02350	.04080	-.04940	.02350	-.01040	.00610	.14200	.95500	.04153
.259	-6.050	-.05630	.02660	.04400	-.05630	.02666	-.00730	.00440	.10600	.94000	.03981
.259	-4.010	-.05720	.02820	.04720	-.05720	.02820	-.00410	.00250	.07000	.95500	.03885
.259	-2.010	-.06160	.02930	.04900	-.06160	.02931	-.00120	.00070	.03300	.94500	.03812
.259	-.010	-.06400	.03080	.05040	-.06400	.03079	.00040	-.00060	.00000	.94100	.03641
.259	2.030	-.06250	.03030	.04950	-.06250	.03036	.00210	-.00200	-.03200	.94300	.03649
.259	4.030	-.06320	.02870	.04750	-.06320	.02874	.00410	-.00350	-.06600	.92800	.03803
.259	6.060	-.05740	.02650	.04580	-.05740	.02651	.00740	-.00550	-.10300	.94500	.03950
.259	8.080	-.05460	.02320	.04310	-.05460	.02319	.01020	-.00710	-.13900	.94200	.04117
.259	10.100	-.04910	.01900	.04020	-.04920	.01905	.01330	-.00860	-.17500	.95300	.04322
	GRADIENT	-.00064	.00010	.00005	-.00064	.00011	.00098	-.00073	-.01675	-.00278	-.00016

OA37 B26 C9 F9 M7 W116E37V8 R11 (RF2091) (01 JUL 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 INCHES
LREF = 474.8000 INCHES YMRP = .0000 INCHES
BREF = 936.8000 INCHES ZMRP = 375.0000 INCHES
SCALE = .0300 SCALE

PARAMETRIC DATA

ALPHA = 10.000 BDFLAP = -12.000
ELEVON = .000 AILRON = .000
RUDDER = .000 SPDBRK = 25.000

RUN NO. 91/ 0 RN/L = 1.84 GRADIENT INTERVAL = -6.00/ 6.00

MACH	BETA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.259	-10.090	.43040	.05250	.03480	.43290	-.02482	-.01440	.02280	.17700	.62200	.04445
.259	-8.040	.42980	.05400	.03740	.43260	-.02331	-.01080	.01760	.14100	.62000	.04256
.259	-6.040	.42800	.05660	.04070	.43120	-.02041	-.00700	.01220	.10400	.61700	.04060
.259	-4.000	.42420	.05960	.04460	.42800	-.01662	-.00400	.00730	.06900	.61300	.03776
.259	-2.000	.42110	.06000	.04600	.42500	-.01579	-.00210	.00270	.03600	.61200	.03628
.259	.000	.42110	.06090	.04590	.42520	-.01486	.00000	-.00120	.00100	.61200	.03515
.259	2.020	.42010	.06110	.04640	.42430	-.01453	.00220	-.00520	-.03300	.61100	.03457
.259	4.040	.42120	.05980	.04570	.42510	-.01607	.00450	-.00940	-.06700	.61290	.03675
.259	6.070	.42310	.05710	.04300	.42650	-.01953	.00780	-.01430	-.10500	.61400	.03867
.259	8.070	.42590	.05350	.03990	.42860	-.02311	.01080	-.01900	-.14000	.61750	.04192
.259	10.120	.42310	.05120	.03900	.42540	-.02481	.01400	-.02420	-.17500	.61800	.04490
	GRADIENT	-.00035	.00007	.00013	-.00032	.00012	.00106	-.00205	-.01697	-.00015	-.00018

OA37 B26 C9 F9 M7 W116E37V8 R11 (RF2092) (01 JUL 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 INCHES
LREF = 474.8000 INCHES YMRP = .0000 INCHES
BREF = 936.8000 INCHES ZMRP = 375.0000 INCHES
SCALE = .0300 SCALE

PARAMETRIC DATA

ALPHA = 15.000 BDFLAP = -12.000
ELEVON = .000 AILRON = .000
RUDDER = .000 SPDBRK = 25.000

RUN NO. 92/ 0 RN/L = 1.84 GRADIENT INTERVAL = -6.00/ 6.00

MACH	BETA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.259	-10.090	.69880	.12160	.02750	.70610	-.06793	-.01320	.03040	.17300	.63700	.04868
.259	-8.070	.69620	.12370	.03120	.70410	-.06523	-.01030	.02380	.13900	.63500	.04509
.259	-6.040	.69170	.12680	.03760	.70060	-.06101	-.00690	.01750	.10300	.63200	.04202
.259	-4.030	.68850	.12800	.04000	.69780	-.05904	-.00470	.01050	.06900	.63100	.03968
.259	-2.020	.69000	.12940	.04300	.69960	-.05804	-.00250	.00440	.03500	.62900	.03853
.259	.010	.68390	.12960	.04390	.69380	-.05629	.00030	-.00070	.00000	.62800	.03761
.259	2.020	.68670	.13075	.04420	.69680	-.05585	.00290	-.00630	-.03500	.62800	.03744
.259	4.040	.68870	.12980	.04300	.69850	-.05727	.00570	-.01260	-.07000	.62900	.03785
.259	6.060	.69360	.12880	.03900	.70290	-.05965	.00860	-.01930	-.10600	.63100	.03987
.259	8.120	.70290	.12550	.03190	.71100	-.06535	.01190	-.02620	-.14200	.63500	.04315
.259	10.110	.70840	.12280	.02680	.71560	-.06932	.01460	-.03260	-.17700	.63800	.04844
	GRADIENT	-.00014	.00024	.00036	-.00097	.00028	.00130	-.00282	-.01724	-.00025	-.00024

OA37 B26 C9 F9 M7 W116E37V8 R11 (RF2093) (01 JUL 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 INCHES
LREF = 474.8000 INCHES YMRP = .0000 INCHES
BREF = 936.8000 INCHES ZMRP = 375.0000 INCHES
SCALE = .0300 SCALE

PARAMETRIC DATA

ALPHA = 20.000 BDFLAP = -12.000
ELEVON = .000 AILRON = .000
RUDDER = .000 SPDBRK = 25.000

RUN NO. 93/ 0 RN/L = 1.84 GRADIENT INTERVAL = -6.00/ 6.00

MACH	BETA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.259	-10.120	.96780	.28120	.00200	1.00490	-.07724	-.02450	.02890	.19200	.65100	.05366
.259	-8.090	.96680	.28340	.00910	1.00470	-.07455	-.02070	.02280	.15500	.64800	.04926
.259	-6.070	.96180	.28250	.02080	.99970	-.07391	-.01690	.01620	.11900	.64400	.04576
.259	-4.020	.95430	.28090	.02670	.99210	-.07263	-.01310	.00880	.08300	.64200	.04303
.259	-2.070	.95600	.28210	.02590	.99410	-.07221	-.00880	.00170	.04500	.64200	.04297
.259	.030	.96170	.27910	.02800	.99840	-.07708	-.00390	-.00430	.00600	.64100	.04435
.259	2.000	.96520	.27740	.02750	1.00110	-.07984	.00060	-.00930	-.03100	.64200	.04511
.259	4.010	.96850	.27590	.02850	1.00370	-.08242	.00550	-.01520	-.07200	.64100	.04393
.259	6.050	.97590	.27770	.02240	1.01120	-.08365	.01020	-.02120	-.11100	.64300	.04475
.259	8.070	.98380	.27740	.01120	1.01850	-.08655	.01560	-.02710	-.15300	.64800	.04867
.259	10.080	.99740	.27870	.00250	1.03170	-.09032	.02250	-.03310	-.20500	.65100	.05342
	GRADIENT	.00187	-.00073	.00026	.00150	-.00135	.00232	-.00293	-.01917	-.00010	.00020

OA37 B26 C9 F9 H7 W116E37V8 R12 (RF2994) (01 JUL 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 INCHES
LREF = 474.8000 INCHES YMRP = .0000 INCHES
BREF = 936.8000 INCHES ZMRP = 375.0000 INCHES
SCALE = .0300 SCALE

PARAMETRIC DATA

BETA = .000 BDFLAP = -12.000
ELEVON = .000 AILRON = .000
RUDDER = .000 SPDBRK = 85.000

RUN NO. 94/ 0 RN/L = 1.84 GRADIENT INTERVAL = -6.00/ 6.00

MACH	ALPHA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.259	-4.180	-.28370	.07500	.09640	-.28840	.05414	-.00040	-.00010	.00300	.77590	.05120
.259	-2.120	-.19680	.06820	.09950	-.19920	.06088	-.00040	-.00010	.00200	.83600	.05154
.259	-1.090	-.15240	.06710	.10100	-.15370	.06421	-.00030	-.00010	.00000	.89400	.04990
.259	-.020	-.10660	.06470	.10290	-.10660	.06474	-.00030	-.00020	.00000	1.00700	.05026
.259	.940	-.06460	.06710	.10830	-.06350	.06822	.00005	-.00060	.00000	1.27900	.05020
.259	2.000	-.02470	.06770	.11150	-.02230	.06861	.00010	-.00080	-.00100	2.48800	.05032
.259	4.070	.07180	.06890	.11260	.07660	.06368	.00000	-.00090	-.00100	.11000	.04913
.259	6.120	.16750	.07350	.11290	.17440	.05523	-.00010	-.00070	.00000	.41300	.04908
.259	8.110	.26690	.08250	.11150	.27590	.04406	-.00020	-.00070	.00000	.50300	.04814
.259	10.220	.35900	.09120	.10810	.36950	.02604	.00010	-.00100	-.00400	.54400	.04745
.259	12.260	.47700	.11590	.10890	.49080	.01195	.00020	-.00060	.00000	.57000	.04833
.259	14.360	.58460	.14510	.10760	.60230	-.00448	.00000	-.00040	.00100	.58600	.04802
.259	16.390	.69930	.18090	.10480	.72190	-.02380	.00000	-.00010	.00200	.59800	.05051
.259	18.450	.81930	.24240	.09470	.85390	-.02941	-.00580	-.00110	.01200	.61100	.05143
.259	20.560	.92050	.30250	.09190	.96810	-.04002	-.00790	-.00430	.01900	.61700	.05187
.259	22.630	1.01240	.36860	.09660	1.07630	-.04932	-.00410	-.00140	.01100	.61900	.05528
.259	24.670	1.08430	.43910	.09030	1.16860	-.05357	-.00100	.00290	.00200	.62300	.05865
.259	26.730	1.14660	.51140	.09320	1.25410	-.05913	-.00220	.00210	.00300	.62400	.06284
.259	28.750	1.15180	.58030	.11470	1.27930	-.06289	-.00250	-.00080	.00800	.61900	.06803
.259	30.700	1.04570	.56200	.15660	1.18610	-.05080	-.00070	-.00650	.00700	.60300	.07380
	GRADIENT	.04285	-.00059	.00222	.04400	.00133	.00007	-.00012	-.00051	.02337	-.00024

OA37 B26 C9 F9 M7 W116E37V8 R12 (RF2095) (01 JUL 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 INCHES
LREF = 474.8000 INCHES YMRP = .0000 INCHES
BREF = 936.8000 INCHES ZMRP = 375.0000 INCHES
SCALE = .0300 SCALE

PARAMETRIC DATA

ALPHA = .000 BDFLAP = -12.000
ELEVON = .000 AILRON = .000
RUDDER = .000 SPDBRK = 85.000

RUN NO. 95/ 0 RN/L = 1.84 GRADIENT INTERVAL = -6.00/ 6.00

MACH	BETA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.259	-10.160	-.08850	.05160	.08460	-.08850	.05162	-.01440	.00680	.18100	1.00300	.05540
.259	-8.130	-.09360	.05750	.09140	-.09360	.05749	-.01110	.00540	.14500	1.01100	.05434
.259	-6.100	-.10240	.06130	.09680	-.10240	.06126	-.00750	.00320	.10800	1.00500	.05383
.259	-4.060	-.10620	.06380	.10060	-.10620	.06383	-.00370	.00150	.06900	1.00000	.05354
.259	-2.090	-.10700	.06370	.10060	-.10710	.06368	-.00170	.00030	.03400	.99700	.05193
.259	-.040	-.10810	.06490	.10360	-.10820	.06483	-.00060	-.00020	.00300	1.00400	.05058
.259	1.990	-.11000	.06390	.10300	-.11010	.06384	.00060	-.00090	-.02900	.99600	.05043
.259	4.010	-.11220	.06680	.10770	-.11220	.06677	.00250	-.00190	-.06300	1.00500	.05277
.259	6.050	-.10690	.06270	.10280	-.10700	.06271	.00660	-.00420	-.10100	1.00500	.05357
.259	8.070	-.09890	.05660	.09630	-.09900	.05651	.01040	-.00600	-.14000	1.01000	.05581
.259	10.090	-.09300	.05040	.08880	-.09310	.05037	.01370	-.00760	-.17600	1.00300	.05650
	GRADIENT	-.00074	.00031	.00082	-.00074	.00030	.00073	-.00040	-.01617	.00045	-.00010

OA37 B26 C9 F9 M7 W116E37V8 R12 (RF2096) (01 JUL 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 INCHES
LREF = 474.8000 INCHES YMRP = .0000 INCHES
BREF = 936.8000 INCHES ZMRP = 375.0000 INCHES
SCALE = .0300 SCALE

PARAMETRIC DATA

ALPHA = 10.000 BDFLAP = -12.000
ELEVON = .000 AILRON = .000
RUDDER = .000 SPDBRK = 85.000

RUN NO. 96/ 0 RN/L = 1.84 GRADIENT INTERVAL = -6.00/ 6.00

MACH	BETA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.259	-10.150	.40120	.07680	.07480	.40840	.00441	-.01340	.02110	.17800	.58400	.05626
.259	-8.130	.39480	.07980	.08230	.40270	.00846	-.01010	.01650	.14300	.57600	.05495
.259	-6.090	.38410	.08600	.09120	.39330	.01655	-.00630	.01120	.10500	.56600	.05167
.259	-4.060	.38240	.08930	.09730	.39220	.02003	-.00300	.00630	.06800	.56000	.05181
.259	-2.060	.37540	.09320	.10470	.38600	.02526	-.00090	.00200	.03400	.55200	.05024
.259	-.010	.37080	.09630	.10970	.38200	.02910	-.00010	-.00090	.00200	.54600	.04819
.259	1.990	.37220	.09600	.10840	.38340	.02847	.00050	-.00370	-.02800	.54800	.04767
.259	4.020	.37090	.09360	.10710	.38170	.02637	.00240	-.00750	-.06100	.54800	.04923
.259	6.040	.37830	.08870	.09880	.38810	.02031	.00560	-.01220	-.09900	.55800	.05101
.259	8.050	.39020	.07930	.08730	.39810	.00883	.00960	-.01730	-.13700	.57100	.05470
.259	10.100	.39300	.07420	.07860	.39990	.00334	.01320	-.02210	-.17400	.57900	.05616
	GRADIENT	-.00130	.00056	.00115	-.00117	.00079	.00060	-.00164	-.01580	-.00138	-.00038

OA37 B26 C9 F9 M7 W116E37V8 R12 (RF2097) (01 JUL 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 INCHES
LREF = 474.8000 INCHES YMRP = .0000 INCHES
BREF = 936.8000 INCHES ZMRP = 375.0000 INCHES
SCALE = .0300 SCALE

PARAMETRIC DATA

ALPHA = 15.000 BDFLAP = -12.000
ELEVON = .000 AILRON = .000
RUDDER = .000 SPDBRK = 85.000

RUN NO. 97/ 0 RN/L = 1.84 GRADIENT INTERVAL = -6.00/ 6.00

MACH	BETA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.259	-10.110	.67250	.14340	.06700	.68650	-.03988	-.01230	.02920	.17700	.61600	.05799
.259	-8.120	.66420	.14930	.07870	.68000	-.03194	-.00860	.02270	.14000	.60900	.05484
.259	-6.100	.65170	.15460	.09210	.66940	-.02360	-.00480	.01620	.10200	.60100	.05291
.259	-4.060	.64580	.15710	.09580	.66440	-.01948	-.00300	.00970	.07000	.59900	.05013
.259	-2.050	.63940	.16020	.10450	.65900	-.01483	-.00150	.00410	.03700	.59300	.04958
.259	-.030	.63910	.16240	.10710	.65920	-.01265	-.00040	.00010	.00400	.59200	.04919
.259	2.000	.64040	.16240	.10850	.66050	-.01299	.00100	-.00430	-.02800	.59100	.04931
.259	4.010	.64260	.16170	.10420	.66250	-.01428	.00260	-.01010	-.06000	.59400	.04754
.259	6.040	.64720	.15980	.10000	.66640	-.01732	.00490	-.01640	-.09400	.59600	.04954
.259	8.060	.66300	.15470	.08630	.68030	-.02656	.00900	-.02360	-.13200	.60500	.05203
.259	10.090	.68000	.14700	.06810	.69460	-.03843	.01340	-.02990	-.17300	.61600	.05508
	GRADIENT	-.00027	.00056	.00103	-.00011	.00061	.00068	-.00238	-.01610	-.00059	-.00027

OA37 B26 C9 F9 M7 W116E37V8 R12 (RF2098) (01 JUL 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 INCHES
LREF = 474.8000 INCHES YMRP = .0000 INCHES
BREF = 936.8000 INCHES ZMRP = 375.0000 INCHES
SCALE = .0300 SCALE

PARAMETRIC DATA

ALPHA = 20.000 BDFLAP = -12.000
ELEVON = .000 AILRON = .000
RUDDER = .000 SPDBRK = 85.000

RUN NO. 98/ 0 RN/L = 1.84 GRADIENT INTERVAL = -6.00/ 6.00

MACH	BETA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.259	-10.130	.94730	.30640	.04360	.99460	-.04624	-.02260	.02800	.19500	.63500	.05965
.259	-8.090	.94120	.31110	.06010	.99050	-.03990	-.01750	.02140	.15500	.62900	.05848
.259	-6.080	.92650	.31090	.07770	.97670	-.03475	-.01320	.01420	.11600	.62200	.05466
.259	-4.040	.91560	.31050	.08700	.96630	-.03137	-.01090	.00820	.08400	.61800	.05201
.259	-2.020	.91950	.31340	.08840	.97100	-.03002	-.00850	.00210	.04900	.61800	.05283
.259	.000	.92150	.31250	.09090	.97260	-.03143	-.00490	-.00290	.01300	.61700	.05233
.259	2.030	.92910	.30930	.08950	.97850	-.03723	-.00170	-.00650	-.02300	.61800	.05395
.259	4.050	.92390	.30580	.08980	.97240	-.03850	-.00010	-.01080	-.05600	.61800	.05144
.259	6.070	.93860	.30860	.08020	.98710	-.04134	.00450	-.01730	-.09500	.62200	.05173
.259	8.100	.95130	.30620	.06280	.99820	-.04783	.01060	-.02330	-.13500	.62800	.05426
.259	10.110	.97220	.30140	.04220	1.01610	-.05963	.01570	-.02970	-.17800	.63600	.05676
	GRADIENT	.00130	-.00067	.00033	.00097	-.00106	.00140	-.00210	-.01740	.00000	-.00000

OA37 B26 C9 F9 M7 W116E37V8 R13 (RF2099) (01 JUL 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 INCHES
LREF = 474.8000 INCHES YMRP = .0000 INCHES
BREF = 936.8000 INCHES ZMRP = 375.0000 INCHES
SCALE = .0300 SCALE

PARAMETRIC DATA

BETA = .000 BDFLAP = -12.000
ELEVON = .000 AILRON = .000
RUDDER = .000 SPDBRK = 85.000

RUN NO. 99/ 0 RN/L = 1.84 GRADIENT INTERVAL = -6.00/ 6.00

MACH	ALPHA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.259	-4.180	-.28480	.07690	.09720	-.28970	.05595	.00010	-.00070	.00000	.77500	.05198
.259	-2.120	-.19150	.06950	.09820	-.19400	.06242	.00000	-.00070	.00000	.83800	.05115
.259	-1.120	-.14650	.06650	.09830	-.14780	.06368	.00000	-.00060	.00000	.89600	.05033
.259	-.090	-.10050	.06280	.09850	-.10060	.06263	.00000	-.00060	.00000	1.01200	.05120
.259	.950	-.05650	.06250	.09950	-.05540	.06347	.00000	-.00060	.00000	1.31200	.04953
.259	1.970	-.01000	.06110	.10100	-.00790	.06143	.00000	-.00080	.00000	5.35300	.04952
.259	4.010	.08250	.06150	.10130	.08660	.05558	-.00010	-.00060	.00000	.22100	.04901
.259	6.120	.18050	.06620	.10070	.18650	.04657	-.00020	-.00080	.00000	.45300	.04752
.259	8.100	.27570	.07460	.09890	.28350	.03502	-.00040	-.00090	.00000	.52300	.04665
.259	10.200	.37750	.08880	.09650	.38720	.02051	.00050	-.00120	.00000	.56000	.04653
.259	12.300	.48020	.10770	.09620	.49210	.00289	.00020	-.00090	-.00190	.58000	.04744
.259	14.330	.58100	.13590	.09610	.59660	-.01211	.00010	-.00070	-.00100	.59200	.04647
.259	16.430	.69690	.17260	.09320	.71730	-.03153	-.00010	-.00030	-.00200	.60400	.04871
.259	18.490	.81740	.23390	.08240	.84940	-.03738	-.00610	-.00190	.00700	.61600	.05042
.259	20.510	.91530	.28980	.08075	.95890	-.04931	-.00820	-.00520	.01200	.62100	.05201
.259	22.580	1.00560	.35700	.08180	1.06560	-.05653	-.00400	-.00200	.00400	.62300	.05308
.259	24.680	1.07510	.43390	.08440	1.15810	-.05479	-.00040	.00200	-.00200	.62500	.05818
.259	26.730	1.14220	.50400	.08890	1.24680	-.06369	-.00150	.00120	-.00300	.62500	.06422
.259	28.760	1.14430	.55460	.11070	1.27000	-.06454	-.00200	-.00260	.00200	.62000	.06830
.259	30.710	1.02950	.56480	.15350	1.17360	-.04020	-.00150	-.00510	.00500	.60400	.07162
	GRADIENT	.04469	-.00192	.00054	.04580	-.00008	-.00002	.00000	.00000	.16868	-.00037

OA37 B26 C9 F9 M7 W116E37V8 R13 (RF2100) (01 JUL 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 INCHES
LREF = 474.8000 INCHES YMRP = .0000 INCHES
BREF = 936.8000 INCHES ZMRP = 375.0000 INCHES
SCALE = .0300 SCALE

PARAMETRIC DATA

ALPHA = .000 BDFLAP = -12.000
ELEVON = .000 AILRON = .000
RUDDER = .000 SPDBRK = 85.000

RUN NO. 100/ 0 RN/L = 1.84 GRADIENT INTERVAL = -6.00/ 6.00

MACH	BETA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.259	-10.110	-.07690	.04830	.07560	-.07690	.04833	-.01560	.00750	.18400	1.01300	.05521
.259	-8.110	-.08140	.05290	.08190	-.08145	.05287	-.01230	.00610	.14700	1.02200	.05404
.259	-6.070	-.08700	.05700	.08780	-.08700	.05700	-.00810	.00380	.10900	1.02300	.05396
.259	-4.060	-.09380	.06110	.09380	-.09390	.06107	-.00390	.00170	.06900	1.01900	.05251
.259	-2.010	-.09740	.06270	.09620	-.09740	.06266	-.00110	.00000	.03400	1.01500	.05123
.259	-.010	-.09890	.06260	.09830	-.09890	.06259	-.00010	-.00040	.00100	1.01700	.05082
.259	2.020	-.09910	.06220	.09730	-.09910	.06221	.00080	-.00090	-.02900	1.01300	.04974
.259	4.030	-.09840	.06030	.09580	-.09840	.06034	.00320	-.00240	-.06400	1.01000	.05134
.259	6.070	-.09130	.05510	.08930	-.09130	.05507	.00760	-.00470	-.10400	1.01200	.05363
.259	8.090	-.08580	.05030	.08340	-.08580	.05033	.01170	-.00680	-.14300	1.00900	.05430
.259	10.120	-.07810	.04460	.07800	-.07810	.04464	.01550	-.00880	-.18000	1.01900	.05554
	GRADIENT	-.00054	-.00010	.00025	-.00053	-.00009	.00080	-.00045	-.01628	-.00099	-.00019

OA37 B26 C9 F9 M7 W116E37V8 R13 (RF2101) (01 JUL 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 INCHES
LREF = 474.8000 INCHES YMRP = .0000 INCHES
BREF = 936.8000 INCHES ZMRP = 375.0000 INCHES
SCALE = .0300 SCALE

PARAMETRIC DATA

ALPHA = 10.000 BDFLAP = -12.000
ELEVON = .000 AILRON = .000
RUDDER = .000 SPDBRK = 85.000

RUN NO. 101/ 0 RN/L = 1.84 GRADIENT INTERVAL = -6.00/ 6.00

MACH	BETA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.259	-10.130	.40120	.07350	.06850	.40790	.00123	-.01410	.02130	.17900	.59000	.05514
.259	-8.100	.39650	.07670	.07410	.40380	.00508	-.01080	.01670	.14300	.58400	.05395
.259	-6.060	.39030	.08200	.08290	.39860	.01149	-.00710	.01150	.10600	.57590	.05092
.259	-4.060	.38490	.08420	.08770	.39380	.01462	-.00390	.00650	.06900	.57000	.05028
.259	-2.020	.38220	.08619	.09280	.39140	.01689	-.00140	.00220	.03400	.56400	.04923
.259	.000	.38030	.08890	.09670	.39010	.02014	-.00010	-.00130	.00100	.56000	.04705
.259	2.010	.38000	.08880	.09700	.38970	.01988	.00110	-.00430	-.03100	.56000	.04692
.259	4.030	.37930	.08750	.09460	.38880	.01873	.00350	-.00830	-.06600	.56200	.04699
.259	6.070	.38340	.08240	.08850	.39190	.01301	.00670	-.01290	-.10300	.56800	.05011
.259	8.110	.39080	.07640	.07950	.39820	.00583	.01070	-.01800	-.14100	.57800	.05337
.259	10.120	.39720	.07190	.07330	.40370	.00022	.01390	-.02260	-.17600	.58500	.05588
	GRADIENT	-.00066	.00046	.00089	-.00058	.00056	.00086	-.00179	-.01658	-.00099	-.00044

OA37 B26 C9 F9 M7 W116E37V8 R13 (RF2102) (01 JUL 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 INCHES
LREF = 474.8000 INCHES YMRP = .0000 INCHES
BREF = 936.8000 INCHES ZMRP = 375.0000 INCHES
SCALE = .0300 SCALE

PARAMETRIC DATA

ALPHA = 15.000 BDFLAP = -12.000
ELEVON = .000 AILRON = .000
RUDDER = .000 SPDBRK = 85.000

RUN NO. 102/ 0 RN/L = 1.84 GRADIENT INTERVAL = -6.00/ 6.00

MACH	BETA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.259	-10.130	.66860	.13990	.05960	.68150	-.04360	-.01290	.02900	.17300	.61900	.05643
.259	-8.100	.65960	.14380	.07010	.67420	-.03616	-.00960	.02290	.13800	.61300	.05332
.259	-6.100	.64830	.14870	.08180	.66460	-.02841	-.00550	.01620	.10000	.60600	.05123
.259	-4.050	.64500	.15000	.08520	.66170	-.02625	-.00410	.00990	.06700	.60400	.04975
.259	-2.020	.64260	.15280	.09120	.66010	-.02285	-.00180	.00390	.03300	.60190	.04815
.259	.000	.64010	.15430	.09400	.65810	-.02081	-.00010	-.00050	.00000	.59990	.04720
.259	2.010	.64130	.15560	.09580	.65960	-.01990	.00170	-.00500	-.03300	.59800	.04645
.259	4.050	.64210	.15420	.09330	.66000	-.02151	.00390	-.01120	-.06800	.60000	.04719
.259	6.090	.64640	.15310	.08980	.66390	-.02360	.00590	-.01750	-.10100	.60200	.04757
.259	8.100	.66090	.14880	.07570	.67670	-.03159	.01000	-.02430	-.13900	.61000	.05050
.259	10.120	.67350	.14190	.06090	.68700	-.04170	.01430	-.03080	-.17800	.61900	.05308
	GRADIENT	-.00035	.00055	.00103	-.00019	.00061	.00096	-.00253	-.01661	-.00054	-.00034

OA37 B26 C9 F9 M7 W116E37V8 R13 (RF2103) (01 JUL 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 INCHES
LREF = 474.8000 INCHES YMRP = .0000 INCHES
BREF = 936.8000 INCHES ZMRP = 375.0000 INCHES
SCALE = .0300 SCALE

PARAMETRIC DATA

ALPHA = 20.000 BDFLAP = -12.000
ELEVON = .000 AILRON = .000
RUDDER = .000 SPDBRK = 85.000

RUN NO. 103/ 0 RN/L = 1.84 GRADIENT INTERVAL = -6.00/ 6.00

MACH	BETA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.259	-10.110	.93900	.29500	.03700	.98290	-.05351	-.02330	.02730	.19200	.63800	.06053
.259	-8.110	.92930	.29960	.05140	.97530	-.04571	-.01840	.02090	.15200	.63200	.05758
.259	-6.070	.91550	.30040	.06930	.96270	-.04022	-.01400	.01390	.11300	.62500	.05368
.259	-4.050	.90850	.29930	.07760	.95570	-.03909	-.01140	.00760	.08100	.62200	.05223
.259	-2.010	.91180	.30010	.07730	.95920	-.03919	-.00830	.00100	.04300	.62200	.05270
.259	-.010	.91390	.29740	.07900	.96010	-.04258	-.00440	-.00370	.00700	.62100	.05287
.259	2.010	.91840	.29510	.08010	.96350	-.04632	-.00110	-.00800	-.02900	.62100	.05360
.259	4.040	.91720	.29380	.08170	.96200	-.04717	.00170	-.01310	-.06600	.62000	.05265
.259	6.070	.92120	.29540	.07460	.96630	-.04703	.00540	-.01850	-.10100	.62300	.05138
.259	8.110	.94060	.29360	.05450	.98380	-.05571	.01100	-.02510	-.14200	.63100	.05536
.259	10.110	.95730	.29190	.03740	.99880	-.06315	.01630	-.03120	-.18400	.63800	.05831
	GRADIENT	.00119	-.00079	.00054	.00084	-.00115	.00165	-.00250	-.01812	-.00025	.00009

OA37 B26 C9 F9 M7 W116E39V8 R11 (RF2104) (01 JUL 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 INCHES
LREF = 474.8000 INCHES YMRP = .0000 INCHES
BREF = 936.8000 INCHES ZMRP = 375.0000 INCHES
SCALE = .0300 SCALE

PARAMETRIC DATA

BETA = .000 BDFLAP = -12.000
ELEVON = .000 AILRON = .000
RUDDER = .000 SPDBRK = 25.000

RUN NO. 104/ 0 RN/L = 1.84 GRADIENT INTERVAL = -6.00/ 6.00

MACH	ALPHA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.259	-4.170	-.26180	.04180	.05310	-.26420	.02271	.00010	-.00060	.00000	.72600	.03523
.259	-2.110	-.17200	.03420	.05430	-.17320	.02786	.00130	-.00100	-.00200	.76700	.03753
.259	-1.080	-.12710	.03200	.05520	-.12770	.02966	.00170	-.00100	-.00500	.81100	.03758
.259	-.030	-.08050	.02960	.05590	-.08050	.02962	.00160	-.00110	-.00400	.90700	.03686
.259	.940	-.03390	.02850	.05710	-.03350	.02913	.00130	-.00110	-.00300	1.27900	.03687
.259	2.010	.01010	.02760	.05820	.01110	.02729	.00110	-.00110	-.00300	-1.27100	.03593
.259	4.030	.10440	.02850	.05870	.10620	.02114	.00090	-.00090	-.00200	.44800	.03666
.259	6.120	.20150	.03420	.05770	.20400	.01257	.00080	-.00110	-.00200	.54700	.03477
.259	8.150	.30160	.04360	.05490	.30480	.00038	.00070	-.00120	-.00200	.58500	.03479
.259	10.230	.40440	.05740	.05280	.40820	-.01538	.00070	-.00170	-.00300	.60400	.03552
.259	12.260	.50950	.07830	.05020	.51450	-.03171	.00080	-.00170	-.00400	.61600	.03657
.259	14.360	.61920	.10730	.04820	.62640	-.04960	.00070	-.00120	-.00400	.62300	.03782
.259	16.440	.73650	.14650	.04280	.74790	-.06797	.00060	-.00110	-.00400	.63100	.03913
.259	18.490	.84260	.20060	.03040	.86280	-.07705	-.00510	-.00210	.00100	.63900	.04078
.259	20.580	.97080	.27000	.02610	1.00380	-.08848	-.00740	-.00520	.00900	.64200	.04454
.259	22.640	1.05950	.33910	.02680	1.10840	-.09484	-.00350	-.00280	.00200	.64300	.04655
.259	24.700	1.14050	.42440	.02810	1.21350	-.09109	-.00020	.00140	-.00500	.64300	.05319
.259	26.750	1.19210	.49300	.03400	1.28650	-.09629	-.00120	.00130	-.00300	.64200	.05750
.259	28.760	1.19050	.54290	.05870	1.30480	-.09703	-.00210	-.00210	.00200	.63500	.06453
.259	30.690	1.06680	.55030	.10320	1.19830	-.07148	-.00080	-.00550	.00400	.62000	.07129
	GRADIENT	.04464	-.00163	.00075	.04515	-.00018	.00006	-.00004	-.00019	-.11056	.00004

OA37 B26 C9 F9 M7 W116E39V8 R11 (RF2105) (01 JUL 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 INCHES
LREF = 474.8000 INCHES YMRP = .0000 INCHES
BREF = 936.8000 INCHES ZMRP = 375.0000 INCHES
SCALE = .0300 SCALE

PARAMETRIC DATA

BETA = .000 BDFLAP = -12.000
ELEVON = -20.000 AILRON = .000
RUDDER = .000 SPDBRK = 25.000

RUN NO. 105/ 0 RN/L = 1.84 GRADIENT INTERVAL = -6.00/ 6.00

MACH	ALPHA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.259	-4.360	-.62760	.10340	.21740	-.63360	.05538	-.00210	-.00200	.00600	.77800	.02877
.259	-2.300	-.52350	.08150	.21290	-.52640	.06050	-.00190	-.00160	.00500	.80500	.02882
.259	-1.250	-.47770	.07350	.21220	-.47920	.06304	-.00200	-.00170	.00500	.81500	.02767
.259	-.210	-.43260	.06500	.21280	-.43290	.06339	-.00180	-.00170	.00500	.83300	.02852
.259	.760	-.39120	.05820	.21440	-.39040	.06342	-.00180	-.00190	.00500	.85400	.02915
.259	1.810	-.34560	.05220	.21410	-.34380	.06320	-.00180	-.00190	.00500	.88100	.02832
.259	3.860	-.28070	.04300	.22800	-.27710	.06185	-.00200	-.00180	.00500	.95400	.02838
.259	5.920	-.19310	.03550	.23050	-.18840	.05531	-.00190	-.00060	.00500	1.10200	.02806
.259	7.930	-.10330	.03190	.23200	-.09790	.04590	-.00180	-.00050	.00400	1.52300	.02826
.259	10.030	-.00150	.03170	.23200	.00399	.03153	-.00190	-.00040	.00500	-20.69900	.03013
.259	12.090	.09810	.03830	.23120	.10390	.01696	-.00170	.00030	.00500	-.16600	.03021
.259	14.120	.20240	.05380	.22990	.20940	.00282	-.00160	.00040	.00400	.24800	.03055
.259	16.210	.31190	.07630	.23020	.32080	-.01387	-.00150	.00060	.00300	.38800	.03235
.259	18.270	.41030	.10260	.22790	.42180	-.03120	-.00180	-.00050	.00100	.45300	.03343
.259	20.330	.52920	.15760	.22480	.55100	-.03611	-.00580	-.00130	.00900	.50100	.03549
.259	22.400	.63460	.20600	.22580	.66520	-.05133	-.00660	-.00250	.01100	.52700	.03750
.259	24.470	.71940	.25860	.22630	.76190	-.06265	-.00470	.00000	.00600	.54200	.03967
.259	26.540	.79410	.32760	.22330	.85690	-.06175	-.00560	.00030	.00700	.55600	.04203
.259	28.580	.85810	.39750	.22080	.94370	-.06155	-.00540	-.00010	.00700	.56800	.04690
.259	30.570	.86020	.44880	.23110	.96890	-.05121	-.00260	-.00300	.00600	.56400	.05441
	GRADIENT	.04142	-.00645	.00163	.04246	-.00001	.00001	.00008	-.00006	.02987	-.00005

OA37 B26 C9 F9 M7 W116E39V8 R11 (RF2106) (01 JUL 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 INCHES
LREF = 474.8000 INCHES YMRP = .0000 INCHES
BREF = 936.8000 INCHES ZMRP = 375.0000 INCHES
SCALE = .0300 SCALE

PARAMETRIC DATA

BETA = .000 BDFLAP = -12.000
ELEVON = -40.000 AILRON = .000
RUDDER = .000 SPDBRK = 25.000

RUN NO. 106/ 0 RN/L = 1.84 GRADIENT INTERVAL = -6.00/ 6.00

MACH	ALPHA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.259	-4.370	-.68350	.15610	.22980	-.69340	.10356	-.00330	-.00120	.00700	.77450	.03962
.259	-2.300	-.58130	.13210	.22420	-.58620	.10868	-.00180	.00030	.00500	.79200	.03894
.259	-1.270	-.53120	.12280	.22170	-.53380	.11099	-.00230	.00010	.00700	.80500	.03861
.259	-.210	-.48390	.11350	.21960	-.48440	.11167	-.00240	.00000	.00700	.81900	.03834
.259	.770	-.43840	.10590	.21970	-.43690	.11185	-.00240	.00020	.00700	.83700	.03950
.259	1.830	-.39050	.09840	.21680	-.38710	.11087	-.00240	.00000	.00500	.85800	.03891
.259	3.850	-.29190	.09040	.21460	-.28520	.10982	-.00160	.00070	.00500	.92900	.03954
.259	5.940	-.19160	.08090	.21000	-.18220	.10035	-.00210	-.00020	.00400	1.07600	.04026
.259	8.000	-.10690	.07490	.21590	-.09540	.08911	-.00200	-.00020	.00400	1.48400	.04102
.259	10.040	-.01670	.07510	.21820	-.00330	.07694	-.00140	.00110	.00400	24.56200	.04055
.259	12.120	.08660	.07840	.21910	.10120	.05848	-.00190	.00080	.00500	-.14450	.04297
.259	14.130	.17980	.09330	.22070	.19710	.04662	-.00180	.00100	.00400	.24050	.04041
.259	16.220	.27580	.11180	.22630	.29610	.03034	-.00160	.00080	.00300	.37000	.04125
.259	18.270	.38260	.14410	.22570	.40850	.01687	-.00350	.00170	.00700	.44800	.04140
.259	20.360	.47870	.18540	.23020	.51330	.00722	-.00390	.00110	.00700	.48700	.04178
.259	22.410	.56400	.22930	.23710	.60880	-.00312	-.00460	.00090	.00700	.50800	.04350
.259	24.470	.64180	.27800	.24170	.69930	-.01294	-.00410	.00210	.00700	.52400	.04406
.259	26.530	.72600	.33960	.23700	.80120	-.02045	-.00620	.00060	.01000	.54300	.04674
.259	28.570	.77690	.40480	.23750	.87590	-.01607	-.00880	-.00770	.01600	.55200	.05149
.259	30.590	.81320	.46680	.23940	.93760	-.01258	-.00770	-.00940	.01400	.55800	.05297
	GRADIENT	.04740	-.00710	-.00178	.04927	-.00024	.00009	.00008	-.00025	.02740	.00009

OA37 B26 C9 F9 M7 W116E37 (RF2198) (15 AUG 74)

REFERENCE DATA

SREF = 2699.0000 SQ.FT. XMRP = 1076.7000 INCHES
LREF = 474.8000 INCHES YMRP = .0000 INCHES
BREF = 936.8000 INCHES ZMRP = 375.0000 INCHES
SCALE = .0300 SCALE

PARAMETRIC DATA

BETA = .000 BDFLAP = -12.000
ELEVON = .000 AILRON = .000

RUN NO. 108/ 0 RN/L = 1.84 GRADIENT INTERVAL = -6.00/ 6.00

MACH	ALPHA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.259	-4.130	-.23300	.02900	.03550	-.23440	.01213	.00000	.00000	.00100	.70700	.02953
.259	-2.090	-.14250	.02190	.03650	-.14320	.01672	.00020	-.00020	.00000	.74500	.02963
.259	-1.050	-.09530	.01950	.03740	-.09560	.01781	.00020	-.00020	-.00100	.79600	.02970
.259	.000	-.05080	.01680	.03840	-.05080	.01685	.00030	-.00040	-.00100	.93000	.03022
.259	.980	-.00440	.01800	.03980	-.00410	.01812	.00030	-.00050	-.00200	4.19800	.02815
.259	2.040	.04050	.01670	.04060	.04100	.01525	.00020	-.00070	-.00200	.28700	.02955
.259	4.080	.13430	.01870	.04120	.13530	.00911	.00040	-.00080	-.00300	.54000	.02932
.259	6.130	.23290	.02460	.04030	.23420	-.00044	.00050	-.00120	-.00300	.58800	.02911
.259	8.160	.33260	.03490	.03870	.33420	-.01265	.00050	-.00110	-.00300	.60900	.02901
.259	10.240	.43890	.05180	.03570	.44120	-.02699	.00060	-.00160	-.00300	.62200	.02823
.259	12.310	.54160	.07260	.03500	.54460	-.04456	.00090	-.00120	-.00400	.62800	.03041
.259	14.340	.64550	.10330	.03370	.65100	-.05985	.00090	-.00120	-.00400	.63300	.03079
.259	16.460	.76350	.14300	.02980	.77270	-.07923	.00070	-.00060	-.00400	.63700	.03336
.259	18.530	.87940	.20760	.02000	.89980	-.08263	-.00610	-.00270	.00700	.64300	.03501
.259	20.580	.98840	.26850	.01590	1.01970	-.09609	-.00790	-.00570	.01300	.64600	.03835
.259	22.670	1.07580	.33830	.01900	1.12300	-.10248	-.00360	-.00220	.00700	.64500	.04057
.259	24.720	1.14860	.41960	.02020	1.21890	-.09926	-.00060	.00220	.00000	.64600	.04715
.259	26.740	1.20120	.48850	.02620	1.29260	-.10440	-.00130	.00140	.00200	.64400	.05155
.259	28.750	1.19760	.53620	.04870	1.30790	-.10596	-.00190	-.00190	.00700	.63800	.05973
.259	30.730	1.07750	.54660	.09320	1.20550	-.08067	.00030	-.00980	.01200	.62300	.06935
	GRADIENT	.04466	-.00123	.00077	.04495	-.00034	.00004	-.00010	-.00049	.04040	-.00006

OA37 B26 C9 F9 M7 W116E37 (RF2109) (15 AUG 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 INCHES
LREF = 474.8000 INCHES YMRP = .0000 INCHES
BREF = 936.6000 INCHES ZMRP = 375.0000 INCHES
SCALE = .0300 SCALE

PARAMETRIC DATA

ALPHA = .000 BDFLAP = -12.000
ELEVON = .000 AILRON = .000

RUN NO. 109/ 0 RN/L = 1.84 GRADIENT INTERVAL = -6.00/ 6.00

MACH	BETA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.259	-10.120	-.02930	.01240	.02745	-.02930	.01243	.02240	-.01220	.08800	.99500	.03431
.259	-8.070	-.03710	.01460	.03100	-.03710	.01465	.01790	-.00990	.07100	.95900	.03236
.259	-6.080	-.04330	.01670	.03430	-.04330	.01677	.01360	-.00750	.05300	.94300	.02996
.259	-4.040	-.04670	.01680	.03640	-.04670	.01689	.00920	-.00510	.03600	.93900	.03009
.259	-2.050	-.04890	.01730	.03800	-.04890	.01734	.00460	-.00290	.01800	.93800	.03009
.259	-.020	-.04980	.01760	.03860	-.04980	.01769	.00020	-.00050	.00000	.93700	.02961
.259	2.050	-.04720	.01780	.03830	-.04720	.01780	-.00420	.00170	-.01600	.95100	.02973
.259	4.010	-.04770	.01720	.03690	-.04770	.01728	-.00870	.00410	-.03300	.93600	.03084
.259	6.040	-.04250	.01530	.03500	-.04250	.01533	-.01330	.00630	-.05100	.95400	.03275
.259	8.050	-.03600	.01290	.03210	-.03600	.01293	-.01790	.00880	-.06800	.98100	.03498
.259	10.070	-.02890	.00950	.02900	-.02890	.00952	-.02240	.01100	-.08400	1.02100	.03775
	GRADIENT	-.00001	.00006	.00006	-.00001	.00006	-.00221	.00114	-.00854	.00035	.00006

OA37 B26 C9 F9 M7 W116E37 (RF2110) (15 AUG 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 INCHES
LREF = 474.8000 INCHES YMRP = .0000 INCHES
BREF = 936.6000 INCHES ZMRP = 375.0000 INCHES
SCALE = .0300 SCALE

PARAMETRIC DATA

ALPHA = 10.000 BDFLAP = -12.000
ELEVON = .000 AILRON = .000

RUN NO. 110/ 0 RN/L = 1.84 GRADIENT INTERVAL = -6.00/ 6.00

MACH	BETA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.259	-10.090	.44420	.04980	.02950	.44600	-.02994	.02240	.00270	.08800	.62700	.03626
.259	-8.100	.43930	.05110	.03230	.44140	-.02767	.01770	.00190	.07100	.62500	.03334
.259	-6.070	.43730	.05150	.03470	.43950	-.02708	.01320	.00090	.05400	.62300	.03124
.259	-4.060	.43610	.05180	.03570	.43830	-.02642	.00860	-.00030	.03700	.62200	.02950
.259	-2.030	.43910	.05250	.03640	.44140	-.02691	.00430	-.00110	.01900	.62100	.02852
.259	-.030	.43930	.05150	.03590	.44150	-.02741	.00050	-.00170	.00000	.62200	.02894
.259	2.000	.44040	.05000	.03430	.44230	-.02905	-.00330	-.00190	-.02000	.62300	.03153
.259	4.030	.44160	.05010	.03520	.44350	-.02918	-.00750	-.00240	-.03900	.62200	.03342
.259	6.050	.44130	.04930	.03330	.44300	-.02997	-.01180	-.00330	-.05700	.62400	.03592
.259	8.060	.44490	.04850	.03080	.44640	-.03139	-.01630	-.00430	-.07400	.62600	.03902
.259	10.070	.44980	.04690	.02740	.45100	-.03374	-.02090	-.00520	-.09100	.62900	.04265
	GRADIENT	.00061	-.00027	-.00015	.00056	-.00038	-.00197	-.00025	.00945	.00010	.00054

OA37 B26 C9 F9 M7 W116E37 (RF2111) (15 AUG 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 INCHES
LREF = 474.8000 INCHES YMRP = .0000 INCHES
BREF = 936.8000 INCHES ZMRP = 375.0000 INCHES
SCALE = .0300 SCALE

PARAMETRIC DATA

ALPHA = 15.000 BDFLAP = -12.000
ELEVON = .000 AILRON = .000

RUN NO. 111/ 0 RN/L = 1.84 GRADIENT INTERVAL = -6.00/ 6.00

MACH	BETA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.259	-10.100	.71280	.12050	.02380	.71930	-.07297	.02410	.01080	.08200	.63900	.04367
.259	-8.110	.70740	.12050	.02790	.71400	-.07145	.01940	.00830	.06700	.63700	.04039
.259	-6.080	.70540	.12200	.03000	.71250	-.06962	.01390	.00560	.05200	.63600	.03559
.259	-4.030	.70530	.12300	.03070	.71270	-.06852	.00830	.00310	.03800	.63600	.03211
.259	-2.030	.70690	.12360	.03250	.71440	-.06849	.00380	.00080	.01900	.63500	.03165
.259	.000	.71250	.12390	.03170	.71980	-.06969	.00080	-.00070	-.00100	.63500	.03290
.259	1.990	.71380	.12350	.03140	.72090	-.07039	-.00270	-.00290	-.02100	.63600	.03528
.259	4.030	.71170	.12390	.03110	.71900	-.06940	-.00680	-.00520	-.04000	.63600	.03575
.259	6.040	.71800	.12240	.02790	.72470	-.07253	-.01210	-.00790	-.05600	.63700	.04097
.259	8.060	.72100	.12230	.02290	.72760	-.07346	-.01700	-.01000	-.07300	.64000	.04490
.259	10.070	.73200	.12180	.01790	.73810	-.07696	-.02240	-.01250	-.08700	.64300	.05022
	GRADIENT	.00098	.00008	-.00002	.00095	-.00019	-.00182	-.00101	-.00973	.00005	.00054

OA37 B26 C9 F9 M7 W116E37 (RF2112) (15 AUG 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 INCHES
LREF = 474.8000 INCHES YMRP = .0000 INCHES
BREF = 936.8000 INCHES ZMRP = 375.0000 INCHES
SCALE = .0300 SCALE

PARAMETRIC DATA

ALPHA = 20.000 BDFLAP = -12.000
ELEVON = .000 AILRON = .000

RUN NO. 112/ 0 RN/L = 1.84 GRADIENT INTERVAL = -6.00/ 6.00

MACH	BETA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.259	-10.060	.98520	.28380	-.00230	1.02200	-.08128	.01700	.00740	.09700	.65300	.05208
.259	-8.070	.98570	.28280	.00420	1.02220	-.08248	.01060	.00590	.08500	.65000	.04833
.259	-6.050	.97270	.27870	.01270	1.00860	-.08174	.00520	.00350	.07100	.64700	.04227
.259	-4.020	.97650	.27970	.01520	1.01240	-.08221	.00040	.00080	.05600	.64600	.03919
.259	-2.020	.97980	.28140	.01390	1.01610	-.08165	-.00280	-.00200	.03500	.64700	.03794
.259	.020	.98420	.27690	.01580	1.01860	-.08746	-.00430	-.00400	.01000	.64600	.03850
.259	2.030	.99430	.27560	.01550	1.02770	-.09234	-.00600	-.00560	-.01200	.64600	.04191
.259	4.040	.98870	.27450	.01690	1.02200	-.09147	-.00890	-.00690	-.03400	.64600	.04059
.259	6.080	.99870	.27650	.01090	1.03200	-.09299	-.01320	-.00790	-.05200	.64800	.04516
.259	8.090	.99770	.27830	.00190	1.03180	-.09105	-.01740	-.00930	-.06700	.65100	.04739
.259	10.120	1.01490	.28170	-.00500	1.04910	-.09411	-.02360	-.01040	-.08200	.65300	.05418
	GRADIENT	.00193	-.00080	.00025	.00153	-.00145	-.00198	-.00094	-.01126	-.00005	.00034